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lease attach a copy	of the sequence. You	may include a copy of	f the broadest and/o	or most relevent claim(s).	
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ACCESSION: AR410157 ACCESSION: AX104724 ACCESSION: AX105230 ACCESSION: AX392412 ACCESSION: AX392412 ACCESSION: AX547777	ACCESSION: AX636104 ACCESSION: AX786608 ACCESSION: BD000162 ACCESSION: BD000164 ACCESSION: A7340 ACCESSION: A71340 ACCESSION: A71377	ACCESSION: ARX 5330 ACCESSION: ARX 53434 ACCESSION: ARX 1342 ACCESSION: AXX 13533 ACCESSION: AXX 13466 ACCESSION: ARX 13726 ACCESSION: BX 13726 ACCESSION: BX 13726 ACCESSION: BX 13734 ACCESSION: AX0 37384	ACCESSION: A11575 ACCESSION: A35095 ACCESSION: A35095 ACCESSION: A52106 ACCESSION: A52107 ACCESSION: A66842 ACCESSION: A6842 ACCESSION: A6842 ACCESSION: A6842 ACCESSION: A6842	ACCESSION: AR007475 ACCESSION: AR008570 ACCESSION: AR0086270 ACCESSION: 126809 ACCESSION: 126809 ACCESSION: 138650 ACCESSION: 138680 ACCESSION: 138680 ACCESSION: 138680 ACCESSION: 138680 ACCESSION: 138680 ACCESSION: 138680 ACCESSION: 146006 ACCESSION: 146006 ACCESSION: 191550 ACCESSION: AR204614 ACCESSION: AR204614 ACCESSION: AR204614	ACCESSION: ARA328627 ACCESSION: ARA35917 ACCESSION: ARA35917 ACCESSION: ARA55918 ACCESSION: ARA501904 ACCESSION: BD066006 ACCESSION: BD066006 ACCESSION: BD066041 ACCESSION: BD069448 ACCESSION: BD167782 ACCESSION: BD178742 ACCESSION: AR595030 ACCESSION: AR595030 ACCESSION: AR595030 ACCESSION: AR595030 ACCESSION: AR595030 ACCESSION: AR595030 ACCESSION: AR728368
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Synthetic 5' TNF receptor fragment for construction of pSV-TBP.
A19912.1 GI:641226
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Expression of the recombinant tumor necrosis factor binding protein I (TBP-1)
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                                                                                                              their preparation
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1 (bases 1 to 21)
Wallach,D., Nophar,Y., Kemper,O., Engelmann,H., Brakebusch,C. and
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
Wallach,D., Nophar,Y., Kemper,O., Engelmann,H., Brakebusch,C. and
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                            synthetic construct artificial sequences.

I (bases 1 to 26)
Wallach,D. and Brakebusch,C.
Multimers of the soluble forms of TNF receptors, the and pharmaceutical compositions containing them Patent: EP 0526905-A 1 10-FEB-1993;

YEDA RESEARCH AND DEVELOPMENT CO. LTD
Location/Qualifiers
                                                                                                                                                                                                                                                                Length 26;
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YEDA RESEARCH AND DEVELOPMENT COMPANY LIMITED
                                                                                                                                                                                                                                                                1.1%; Score 22.8; DB 1;
92.3%; Pred. No. 3.5;
cive 0; Mismatches 2;

    .26
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Matches 24; Conserv
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KEYWORDS'
SOURCE
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synthetic construct
synthetic construct
1 (bases 1 to 28)
Wallach,D. and Brakebusch,C.
Multimers of the soluble forms of TNF receptors, their preparation and pharmaceutical compositions containing them
Patent: BP 0526905-A 2 10-FBB-1993;
YEDA RESEARCH AND DEVELOPMENT CO. LTD
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I (bases 1 to 29)

Brockhaus M., Dembic,Z., Gentz,R., Lesslauer,W., Loetscher,H. and Schlaeger,E.J.

Thr-binding proteins
Patent: EP 0417563-A 23 20-MAR-1991;
F. HOFFMANN-LA ROCHE AG
    ACCESSION:S81271
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/db_xref="taxon:32630"

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Pred. No. 2.7;
0; Mismatches
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                                            ALIGNMENTS
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 881271
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92.98;
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Oligonucleotide no.1.
A29670
                                                                                                                                   Oligonucleotide no.2.
                                                                                                                                                                 A29671.1 GI:1248974
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synthetic construct
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Best Local Similarity
Matches 25; Conserv
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Matches 26; Conserv
 0.5
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ATTIFICATION MATSUI

OS ATTIFICIAL SEQUENCE
PN WO 02066049-A/37
PD 29-AUG-2002
PR 21-FEB-2002 WO 22020F001536
PR 23-FEB-2001 UP 01P 049450
PI YUKIKO HIKICHI, YASUSHI SHINTANI, HIDEKI MATSUI PC
AGIDIS/00, PC C12NI5/12, COTK14/47
CC Primer
FR Key
FT SOURCE
FT SOURCE
                                 PAT 18-FEB-2003
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                                                                                             synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 21)
Hikichi,Y., Shintani,Y. and Matsui,H.
Periplastic converting agent
Patent: WO 02066049-A 37 29-AUG-2002;
TAKEDA CHEMICAL INDUSTRIES LTD, YUKIKO HIKICHI, YASUSHI SHINTANI,
HIDEKI MATSUI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                   /organism='Artificial Sequence'.
Location/Qualifiers
1. 21
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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1.0%; Score 21; DB 1;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 21; Conservative 0; Mismatches
                                 DNA
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PC C12Q1/68,A61K37/02,C12N15/00
CC Primer Location/Qual
FH Key 1.21
FT source /organism='Ar
                                 21 bp
                                     ZI 1
Periplastic converting agent.
BD174191
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                                                                    BD174191.1 GI:28415528
WO 02066049-A/37.
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BD185146/c
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     RESULT 8
BD174191/c
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ACCESSION
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Best Local Similarity 100.0%; Pred. No. 5; Matches 21; Conservative 0; Mismatches 0; Indels
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Patent: EP 0433900-A 33 26-JUN-1991;
YEDA RESEARCH AND DEVELOPMENT COMPANY LIMITED Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                    Unknown.
Unclassified.
Unclassified.
Campbell, R.K., Jameson, B.A. and Chappel, S.C.
Hybrid heterodimeric protein hormone
Patent: US 6133972-A 19 27-EFB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 21)
Campbell, R.K., Jameson, B.A. and Chappel, S.C.
DNA encoding a hybrid heterodimeric protein
Patent: US 6194177-A 19 27-FEB-2001;
Location/Qualifiers

    .21
        /organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"

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5;
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Pred. No. 5;
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100.0%; Pred. No. ...
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100.0%; Pred. No. 5;
tive 0; Mismatches
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AR131319
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/wol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Best Local Similarity 100.
Matches 21; Conservative
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PAT 29-SEP-1999
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                                                                                                                                                                                                                                               Glycine-containing sequences conferring invisibility to the immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 28)
Wallach, D., Boldin, M., Mett, I. and Varfolomeev, E.
Modulator of TMF/NGF superfamily receptors and soluble oligomeric
TNF/NGF superfamily receptors
Patent: US 6579697-A 2 17-UUN-2003;
Location/Qualifiers
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1.0%; Score 20.8; Di
Best Local Similarity 91.7%; Pred. No. 8.8;
Matches 22; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                        1. .24
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                          Patent: US 5833991-A 7 10-NOV-1998;
Location/Qualifiers
                                                                                              ARU52978 24 bp
Sequence 7 from patent US 5833991.
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    TTCCACCCGCACCTCCAGCTCCAC
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AR052978.1 GI:5977840
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Masucci, M.G.
                                                                                                                                                                                     Unknown.
Unclassified.
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AR343466/c
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                                                                                              Gaps
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91.7%; Pred. No. 8.8;
live 0; Mismatches 2;
/organism="synthetic construct"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                        ch 1.0%; Score 21; DB 1; Similarity 100.0%; Pred. No. 5; 21; Conservative 0; Mismatches
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IMMUNE-EVADING PROTEINS
PATCHT: WO 9632483-A 4 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other publication AU 5284296 961030.
Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 15 from Patent WO0222833.
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Sequence 4 from Patent W09632483.
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A57512.1 GI:3713370
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artificial sequences.
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Best Local Similarity 82.8'
Matches 24; Conservative
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Blais,Y., Rousseau,P., Leblanc,B. and Camato,R.N.
Methods for selecting and producing selective pharmaceutical
compounds and compositions using an established genetically altered
cell-based library responsive to transcription factors; genetic
constructs and library therefor
Patent: WO 02052039_A 20 04_JUL_2002;
Geneka Biotechnology Inc. (CA)
Location/Qualifiers
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Masucci,M.G.
Glycine-containing sequences conferring invisibility to the immune system
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0.9%; Score 18.8; DB 1;
Best Local Similarity 90.9%; Pred. No. 29;
Matches 20; Conservative 0; Mismatches 2;
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/mol_type="unassigned DNA"
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/noTe="Oligonucleotide"
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Location/Qualifiers
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/mol_type="unassigned DNA"
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Best Local Similarity 87.0%; Pred. No. 36;
Matches 20; Conservative 0; Mismatches
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AR052984
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Sequence 20 from Patent WO02052039.
AX472525
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0.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 23;
Matches 21; Conservative 0; Mismatches 3; Indels
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Masucci, M.G.
IMMUNE-EVADING PROTEINS
PATCHT: WO 9632483-A 6 17-OCT-1996,
MASUCCI MARIA GRAZIA (SE)
Other publication AU 5284296 961030.
Location/Qualifiers
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Patent: US 5833991-A 10 10-NOV-1998;
Location/Qualifiers
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Patent: WO 962463A, 10 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other Publication AU 5284296 961030.
Location/Qualifiers
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Pred. No. 23;
0; Mismatches

    .24
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"

                                                                                                      /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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90.9%; Pred. No. 29;
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/mol_type="unassigned DNA"
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Sequence 10 from patent US 5833991.
AR052980.1 GI:5977842
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Sequence 10 from Patent WO9632483.
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Masucci, M.G.
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Oligonuclotides having a conserved g4 core sequence Patent: EP 1016715-A 34 05-JUL-2000;

ISIS PHARMACEUTICALS INC (US)
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0.8%; Score 18.2; DB 1;
Best Local Similarity 87.0%; Pred. No. 47;
Matches 20; Conservative 0; Mismatches 3;
                                                                                                                      DB 1;
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Baker, B.F. and Cowsert, L.M.
Autiense inhibition of INFR1 expression
Patent: US 6007995-A 47 28-DEC-1999;
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                                                                                                                 ; Score 18.2; DE; DE; Pred. No. 47; 0; Mismatches
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/db_xref="taxon:32644"

    .25
    /organism="unidentified"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32644"

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Sequence 47 from patent US 6007995.
AR096376.1 GI:10025133
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Sequence 34 from Patent BP1016715.
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                                                                                                                                                                                 1244 CCTCCGACCCCATCCCCAACCCC 1266
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      ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
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AX032588.1 GI:10279526
                                                                                                                 Query Match
Best Local Similarity 87.0%;
Matches 20; Conservative
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AX032588/c
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AR096376/c
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                                                                                       Unclassified.

1 (bases 1 to 25)

Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y., Brown.-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
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Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y., Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and Imbach, J.Louis.
Oligonucleotides having a conserved G4 core sequence Patent: US 5952490-A 34 14-SEP-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Imbach,J.L., Brown-Driver,V.L., Vickers,T.A., Ecker,D.J.,
Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Myatt,J.T.
Oligonucle.
Patent: EP 1016715-A 33 05-JUL-2000,
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Oligonucleotides having a conserved G4 core sequence
Patent: Usc 5952499-A 33 14-SEP-1999;
Location/Qualifiers
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O.8%; Score 18.2; DB 1;
Best Local Similarity 87.0%; Pred. No. 47;
Matches 20; Conservative 0; Mismatches 3;
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/mol_type="unassigned DNA"
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Sequence 34 from patent US 5952490.
AR074226
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/mol_type="unassigned DNA"
 Sequence 33 from patent US 5952490.
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                              AR074225.1 GI:10000980
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AX032587/c
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AR074226/c
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Baker,B.F. and Cowsert,L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 51 28-DEC-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007999-A 52 28-DEC-1999;
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Fred. No. 18;
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100.0%; Pred. No. ...
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0.8%; Score 18; DB
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches
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                  1. .18
/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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Seguence 51 from patent US 6007995.
AR096380
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Sequence 52 from patent US 6007995.
AR096381. GI:10025139
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Best Local Similarity 100.0
Matches 18; Conservative
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AR096381/c
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AR096380/c
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1 (bases 1 to 18)

1 (bases 1 to 18)

Antisense inhibition of TNR1 expression

Patent: US 6007995-A 49 28-DEC-1999;

Location/Qualifiers
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Unclassified.
Unclassified.
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 50 28-DEC-1999;
                                                                                                                                                                             1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 48 28-DEC-1999;
Location/Qualifiers
                                                                      DNA
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0.8%; Score 18; DB
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches
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0.8%; Score 18; DB
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches
                                                                 18 bp
Sequence 48 from patent US 6007995,
AR096377
AR096377.1 GI:10025134
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 49 from patent US 6007995.
AR096378.1 GI:10025136
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Sequence 50 from patent US 6007995.
AR096379
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/organism="unknown"
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18 GGAGAAACAGAACACCGT
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DEFINITION
                                       RESULT 24
AR096377/c
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AR096378/c
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0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels
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Unclassified.

E 1 (bases 1 to 18)

(S Baker, B.F. and Cowsert, L.M.

Antisense inhibition of TRFR1 expression

(AL Patent: US 6007995-A 57 28-DEC-1999;

Location/Qualifiers

18
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                                                                                                                                                                                                                                             Unclassified.

1 (bases 1 to 18)

1 saker, B.F. and Cowsert, L.M.

Antisense inhibition of TNR1 expression

Patent: US 6007995-A 56 28-DEC-1999;

Location/Qualifiers
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tive 0; Mismatches
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Sequence 57 from patent US 6007995.
AR096386
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/wol_type="unassigned DNA"
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Sequence 58 from patent US 6007995.
AR096387
                                              911 TCTTTGGTCTTTGCCTTT 928
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      Best Local Similarity 100.
Matches 18; Conservative
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                                                                                                                  RESULT 32
AR096385/c
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AR096386/c
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0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 53 28-DEC-1999;
Location/Qualifiers
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 54 28-DEC-1999;
Location/Qualifiers
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 55 28-DEC-1999;
Location/Qualifiers
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                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 54 from patent US 6007995.
AR096383
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 Sequence 53 from patent US 6007995.
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Sequence 55 from patent US 6007995.
AR096384
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                            GI:10025140
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Best Local Similarity 100.
Matches 18; Conservative
                                                                     Unknown.
Unclassified.
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                            AR096382.1
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AR096383/c
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AR096384/c
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0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels
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E 1 (bases 1 to 18)

S Baker, B.F. and Cowsert, L.M.

Antisense inhibition of TNPR1 expression

AL Patent: US 6007995-A 61 28-DEC-1999;

Location/Qualifiers

18 """nknown"
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E 1 (bases 1 to 18)

S Baker,B.F. and Cowestr,L.M.

Antisense inhibition of TWR1 expression

AL Patent: US 6007995-A 63 28-DEC-1999;

Location/Qualifiers
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1 (bases 1 to 18)

1 share, Fr. and Cowsert, L.M.

Antisense inhibition of TNFR1 expression

Patent: US 6007995-A 62 28-DEC-1999;

Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 62 from patent US 6007995.
AR096391
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Sequence 63 from patent US 6007995.
AR096392. GI:10025158
                                                           AR096390 18 bp
Sequence 61 from patent US 6007995.
AR096390. GI:10025154
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                              RESULT 37
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O.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels
                                                                                                                                               Length 18;
                                                                                                                                                                                                                                                                                                        linear
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          1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 58 28-DEC-1999;
Location/Qualifiers
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1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 59 28-DEC-1999;
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Baker,B.F. and Cowsert,L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 60 28-DEC-1999;
                                                                                                                                             DB 1;
18;
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0.8%; Score 18; DB 1;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches (
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                               /organism="unknown"
/wol_type="unassigned DNA"
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AR096388
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Sequence 60 from patent US 6007995.
AR096389
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Unclassified.
                                                                                                                                         Query Match
Best Local Similarity
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AR096388/c
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AUTHORS
TITLE
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ACCESSION
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ORGANISM
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FEATURES
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FEATURES
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SOURCE
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PAT 08-SEP-2000
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 67 28-DEC-1999;
Location/Qualifiers
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1 (bases 1 to 18)

Baker, Br. and Cowsert, L.M.

Antisense inhibition of TNRL expression

Patent: US 6007995-A 68 28-DEC-1899;

Location/Qualifiers
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0.8%; Score 18; DB
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches
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Sequence 68 from patent US 6007995.
AR096397
AR096397.1 GI:10025166
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 67 from patent US 6007995.
AR096396.1 GI:10025165
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        AR096395.1 GI:10025163
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AR096396/c
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AR096397/c
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TITLE
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0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007955-A 65 28-DEC-1999;
Location/Qualifiers
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Unknown.

Unclassified.

E 1 (bases 1 to 18)

Altisense inhibition of TNFR1 expressio

AL Patent: US 6007995-A 64 28-DEC-1999;

Location/Qualifiers

18
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Pred. No. 18;
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100.0%; Pred. No. 10.
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 66 from patent US 6007995.
                                       /mol_type="unassigned DNA"
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Sequence 64 from patent US 6007995.
AR096393. GI:10025159
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/organism="unknown"
/mol_type="unassigned DNA"
                   /organism="unknown"
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Best Local Similarity 100.0
Matches 18; Conservative
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AR096394/c
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AR096393/c
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Le,J., Vilcek,J., Dadonna,P., Ghrayeb,J., Knight,D. and Siegel,S.A. Methods of treating TWP-.alpha.-mediated Crohn's disease using chimeric anti-TWF antibodies Patent: US 5556272-A 15 12-AUG-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                 PAT 10-JUN-1998
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                                                                                                                                                                                                                                                                                                                                                                                                    Unknown.
Unclassified.
1 (bases 1 to 18)
Le,J., Vilcek,J., Daddona,P., Ghrayeb,J., Knight,D. and Siegel,S.
Methods of treating rheumatoid arthritis using chimeric anti-TNF
                                                                                                                                                                                 Gaps
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Pred. No. 18;
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Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 47 02-JUL-2002;
ISIS PHARMACEUTICALS INC
ON Unidentified
PN JP 2002519015-A/47
PD 02-JUL-2002
PF 17-JUN-1999 UP 2000557265
PR 26-JUN-1999 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
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Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches
                                                                                                                                                           100.0%; Pred. ...
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Sequence 15 from patent US 5698195.
185508
185508.1 GI:3205226
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Patent: US 5698195-A 15 16-DEC-1997;
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                       /organism="unknown"
/wol_type="unassigned DNA"
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JP 2002519015-A/47
02-UUL-2002
17-UUN-1999 JP 2000557265
26-UUN-1998 US 09/106038
BRENDA F BAKER, LEX M COWSERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
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Best Local Similarity 100.(
Matches 18; Conservative
      (bases 1 to 18)
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 69 28-DEC-1999;
Location/Qualifiers
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 70 28-DEC-1999;
Location/Qualifiers
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   0; Mismatches
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Sequence 70 from patent US 6007995.
AR096399
AR096399.1 GI:10025170
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Sequence 69 from patent US 6007995.
AR096398
AR096398.1 GI:10025168
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                             1184 CCCGCAGAGAGGTGGCAC 1201
                                                      18 CCCGCAGAGAGGTGGCAC 1
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Best Local Similarity 100.0
Matches 18; Conservative
18; Conservative
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AR096398/c
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PR 17-0704-1999 UP 2000557265
PR 26-0JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC C1201/68,
PC C12N15/09 CC Strandedness: Single;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source /organism='Unidentified'.
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C12Q1/68,
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0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels
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Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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/organism='Unidentified'
Location/Qualifiers
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BD217427,
UD2002519015-A/50.
Unidentified
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1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TMFR1 expression
Patent: JP 2002519015-A 50 02-JUL-2002;
UNIDENTIALS INC
OS UNIDENTIALS INC
OS UNIDENTIALS INC
OS UNIDENTIALS A 50 02-JUL-2002;
PN JP 2002519015-A/50
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PL BRENDA F BAKER, LEX M COWSERT
                                                                                                                                       Antisense modulation of TNFR1 expression Patent: JP 2002519015-A 49 02-JUL-2002; ISIS PHARMACUTICALS INC OS Unidentified PN JP 2002519015-A/49 PD 02-JUL-2002 PF 17-JUN-1999 JP 2000557265 PR 26-JUN-1998 US 09/106038 PI BRENDA F BAKER, LEX M COMSERT
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Antisense modulation of TNFR1 expression.
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/organism="unidentified"
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JP 2002519015-A/49.
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in (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
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Strandedness: Single;
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/organism='Unidentified'.
            Topology: Linear,
Antisense modulation of TNFR1 expression
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Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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                                                                                                                                            Location/Qualifiers
  Strandedness: Single;
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PC C12N15/00
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BD217426/c
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DEFINITION
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PAT 17-JUL-2003
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PN 17 200219015-A/53
PD 02-JUL-2002
PP 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC C12N15/09, A61K31/71105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
                                             PD 02-JUL-2002
PF 17-JUN-1999 UP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
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Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
                                                                                                                                                                                           Topology: Linear;
Antisense modulation of TNFR1 expression
                                                                                                                                                                                                                                                       /organism='Unidentified'
Location/Qualifiers
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Baker, B.F. and Cowsert, L.M.
Mitsense modulation of TNFR1 expression
Patent: JP 2002519015-A 53 02-UUL-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Antisense modulation of TNFR1 expression.
                                                                                                                                                                                                                              Location/Qualifiers
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/organism="unidentified"
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                                                                                                                                          C1201/68,
PC C12N15/00
CC Strandedness: Single,
CC Topology: Linear,
CC Antisense modulation of
FH Key Location
FT source 1.18
FT source 1.18
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     PHARMACEUTICALS INC
                  Unidentified
JP 2002519015-A/52
02-JUL-2002
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C12Q1/68,
PC C12N1
CC CC TOF
CC AF
FH F
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BD217430/c
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AUTHORS
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PN JP 2002119015-A/51
PD 02-UL-2002
PF 17-UN-1999 UP 2000557265
PR 26-UUN-1998 US 09/106038
PI BRENDA F BAKER,LEX M COWSERT
PC CLENIS/09,A6IK31/7105,A6IK31/711,A6IK48/00,A6IP29/00,A6IP43/00, PC
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18;
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Topology: Linear;
Antisense modulation of TNFR1 expression
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                unclassified.

I (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNRH expression
Fatent: JP 2002519015-A 51 02-JUL-2002;
ISIS PHARMACHUTICALS INC
OS Unidentified
PN JP 2002519015-A/51
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
PR 26-JUN-1999 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
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1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNR1 expression
Patent: JP 2002519015-A 52 02-JUL-2002;
                                                                                                                                                                                                                                        BD217428 18 bp DNA
Antisense modulation of TNFR1 expression.
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ilarity 100.0%; Pred. No. 18;
Conservative 0; Mismatches
                                                              Query Match 0.8%; Score 18; DB Best Local Similarity 100.0%; Pred. No. 18; Matches 18; Conservative 0; Mismatches
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/mol_type="genomic DNA"
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                                                                                                                            802 AGTAACTGTAAGAAAGC 819
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JP 2002519015-A/52.
unidentified
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nes 18; Conserv
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PC C12N1E
CC Strand
CC Topolo
CC Antise
FH Key
FT Source
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BD217429/c
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BD217428/c
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PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COMBERT
PC C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC C12N15/09
CC C12N15/09
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
CC Antisense modulation of FNFR1 expression
FT source
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    C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
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Pred. No. 18;
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18;
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                                                                         Strantchmic.
Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
                                                                                                                                                                       /organism='Unidentified'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (bases 1 to 18)
| Baker, B.F. and Cowsert, L.M.
| Antisense modulation of TNFR1 expression Patent: JP 200219015-A 56 02-JUL-2002;
| ISIS PHARMACEUTICALS INC |
| OS Unidentified |
| N JP 2002519015-A/56 |
| PF 17-JUL-1999 JP 2000557265 |
| PR 26-JUN-1999 US 09/106038 |
| PR RENDA F BAKER, LEX M COWSERT
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Antisense modulation of TNFR1 expression.
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                                                                                                                                                                                                                                                                                                                               0.8%; Score 18; DB
ilarity 100.0%; Pred. No. 18;
Conservative 0; Mismatches
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                                                                                                                                                                                                                   1. .18
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Strandedness: Single;
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BD217433.1 GI:33027203
JP 2002519015-A/56.
unidentified
unidentified
unclassified.
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Best Local Similarity
Matches 18; Conserv
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KEYWORDS
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BD217434/c
LOCUS
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BD217433/c
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/organism='Unidentified'.
Location/Qualifiers
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Antisense modulation of TNFR1 expression
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                                                                                                                                          Antisense modulation of TNFR1 expression. BD217431
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873 GGACTCAGGCACCACAGT 890
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JP 2002519015-A/55.
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JP 2002519015-A/54.
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BD217432/c
LOCUS
DEFINITION
ACCESSION
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BD217431/c
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PR 26-JUN-1999 UP 2000557265
PR 26-JUN-1999 UP 2000557265
PR 26-JUN-1999 UP 2000557265
PR C1201/69,
PC C1201/68,
PC C1201/68,
PC C12N15/09,A61K31/7105,A61K31/711,A61K48/00,A61P29/00,A61P43/00, PC C1201/68,
PC C12N15/09,A61K31/7105,A61K31/711,A61K48/00,A61P29/00,A61P43/00, PC C1201/68,
PC C12N15/09 C C Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source //organism='Unidentified'.
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/organism='Unidentified'
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| Baker, B.F. and Cowsert, L.M. |
| Antisense modulation of TNPR1 expression |
| Patent: JP 200219015-A 59 02-JUL-2002; |
| SIS PHARMACEUTICALS INC |
| ON Unidentified |
| Ph JP 2002519015-A/59 |
| Pp 17-JUL-2002 |
| PR 17-JUL-1999 JP 2000557265 |
| PR 26-JUN-1998 US 09/106038 |
| PI BRENDA F BAKER, LEX M COWSERT
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JP 2002519015-A/59. unidentified unidentified
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                                                            1. .18
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/mol_type="genomic DNA"
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JP 2002519015-A/60.
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1 (bases 1 to 18)
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BD217436/c
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BD217437/c
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PN JP 2002519015-A/58
PN JP 2002519015-A/58
PN JP 2002519015-A/58
PF 17-UNN-1999 JP 2000557265
PR 26-UUN-1999 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC
C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
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0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0; Indels
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Topology: Linear;
Antisense modulation of TNFR1 expression
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Antisense modulation of TNFR1 expression
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/organism='Unidentified'
Location/Qualifiers
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Strandedness: Single;
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BD217435/c
LOCUS
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TITLE
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OS Unidentified
PN JP 2002519015-A/62
PP 02-JUL-2002
PP 17-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
C1201/69, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC C1201/69, CT Topology: Linear;
CC Antisense modulation of TNPR1 expression
CC Antisense modulation of TNPR1 expression
FH Key Location/Qualifiers
FT source //organism='Unidentified'.
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Location/Qualifiers
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JP 2002519015-A/62.
unidentified
M unidentified
unclassified.
1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 62 02-JUL-2002;
ISIS PHARMACHITICALS INC
OS Unidentified
BN JP 2002519015-A/62
PP 17-JUN-1999 JP 2005557265
PR 26-JUN-1999 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
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Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 63 02-JUL-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/63
PD 02-JUL-2002
PF 17-JUN-1999 JP 2000557265
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BD217440
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Matches 18; Conservative 0; Mismatches

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JP 2002519015-A/63.
unidentified
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BD217440/c
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ORGANISM
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BD217439/c
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TITLE
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PF 17-UUN-1999 UP 2000557265

PR 26-UUN-1999 US 09/106038

PI BRENDA F BAKER, LEX M COWSERT

PC C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
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Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 60 02-JUL-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PD 02-JUL-2002
PP 17-JUN-1999 JP 2000557265
PR 26-JUN-1999 US 09/106038
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PC C12NIS/09, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
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Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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Topology: Linear;
Antisense modulation of TNFR1 expression
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Location/Qualifiers
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Location/Qualifiers
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Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 61 02-JUL-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/61
PD 02-JUL-2002
PP 17-JUN-1999 JP 2000557265
PR 26-JUN-1999 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
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Strandedness: Single;
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pc C12N15/00
C Strandedness: Single;
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JP 2002519015-A/61.
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ACCESSION
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BD217438/c
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DB 1; Length 18;

0.8%; Score 18;

Query Match

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PAT 17-JUL-2003
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PD 02-JUL-2002
PP 17-JUN-1999 JP 2000557265
PR 26-JUN-1999 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC C12N15/09,A61K31/7105,A61K31/711,A61K48/00,A61P29/00,A61P43/00, PC
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C12Q1/68,
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                              linear
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                                                                                                                                                                                                                                                                                                                                                                   Topology: Linear;
Antisense modulation of INFR1 expression
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                 organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unclassified.

1 (bases 1 to 18)
1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 66 02-JUL-2002;
ISIS-PHARMEGUTICALS INC
OS Unidentified
PN JP 2002519015-A/66
PD 02-JUL-2002
PF 17-JUN-1999 JP 200552265
PR 26-JUN-1999 US 09/106038
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                                        Antisense modulation of TNFR1 expression.
                                                                                                                                         1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Bartisense modulation of TWFR1 expression
Patent: JP 2002119015-A 65 02-JUL-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                              Unidentified
JP 2002519015-A/65
02-JUL-2002
17-JUN-1999 JP 2000557265
26-JUN-1998 US 09/106038
BRENDA F BAKER, LEX M COWSERT
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BRENDA F BAKER, LEX M COWSERT

    .18
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    /db_xref="taxon:32644"

                              18 bp
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Strandedness: Single;
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Strandedness: Single;
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                                                                   BD217442.1 GI:33027212
JP 2002519015-A/65.
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             BD217442/c
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PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
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C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
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Strandedness: Single;
Topology: Linear;
Antisense modulation of TNFR1 expression
Key
                                                                                           Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers

    18
    /organism='Unidentified'

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/organism='Unidentified'
Location/Qualifiers
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100.0%; Pred. No. 18;
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Best Local Similarity 100.0%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 0
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/organism="unidentified"
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/db_xref="taxon:32644"
                                                                                                                                                                                      1. .18
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                                                                                  Strandedness: Single;
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BD217441.1 GI:33027211
JP 2002519015-A/64.
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PC C12M15/00
CC Strandednes
CC Topology: I
CC Antisense m
FH Key
FT source
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Best Local Similarity
Matches 18; Conserv
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BD217441/c
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ORGANISM
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Topology: Linear;

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CI2N15/09,A61K31/7105,A61K31/711,A61K48/00,A61P29/00,A61B43/00, PC
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PD 02-UIL-2002
PP 17-UIN-1999 JP 2000557265
PR 26-UIN-1998 US 09/106638
PI BRENDA F BAKER, LEX M COWSERT
PC
CI2N15/09, AG1K31/7105, AG1K31/711, AG1K48/00, AG1P29/00, AG1P43/00,
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Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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Location/Qualifiers
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Location/Qualifiers
w unidentified
unclassified.

1 (bases it o. 18)

Baker, B.F. and COWSert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 68 02-JUL-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/68
PN JP 2002519015-A/68
PP 7-JUN-1999 JP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
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1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 69 02-JUL-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/69
PP 17-JUN-1999 JP 2000557265
PR 26-JUN-1999 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
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Antisense modulation of TNFR1 expression.
BD217446
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/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 18;
100.0%; Pred. No.
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Strandedness: Single;
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JP 2002519015-A/69.
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Best Local Similarity
Matches 18; Conserv
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BD217446/c
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ACCESSION
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KEYWORDS
SOURCE
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                                                                                                                                                                                                                          DB 1; Length 18;
18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                     0; Indels
                                             ce 1..18
/organism='Unidentified'.
Location/Qualifiers
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Key
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      Antisense modulation of TNFR1 expression
Key
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| Baker, B.F. and Cowsert, L.M.
| Antisense modulation of TNFR1 expression Antisense modulation of TNFR1 expression Statement: JP 2002519015-A 67 02-JUL-2002;
| SIS PHARMACEUTICALS INC |
| N JP 2002519015-A/67 |
| PD 02-JUL-2002 |
| PF 17-JUN-1999 UP 2000557265 |
| PR 17-JUN-1999 US 09/106038 |
| PR REENDA F BAKER, LEX M COWSERT |
| PC |
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      Antisense modulation of TNFR1 expression.
                                                                                                                                                                                                                          Score 18; DB 1; Pred. No. 18; 0; Mismatches

    .18
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                                                                                                               1. .18
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Topology: Linear;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1162 GACTGTCCCAACTTTGCG 1179
                                                                                                                                                                                                                                                                                                           1127 CCACCTTCACCTCCAGCT 1144
                                                                                                                                                                                                                          Query Match

Best Local Similarity 100.0%; Pr
Matches 18; Conservative 0;
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Matches 18; Conserv
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LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AUTHORS TITLE JOURNAL

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REFERENCE

RESULT 72 BD217447/c

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OS Unidentified
PN UP 2002519015-A/24
PD 02-UUL-2002
PF 17-UUL-2002
PP 26-UUN-1999 UP 2000557265
PR 26-UUN-1999 UP 2000557265
PP 26-UUN-1998 US 09/106038
PI BRENDA F BAKER,LEX M COWSERT
PC C12M15/09
C12M15/00
PC C12M15/00
PC C12M15/00
PC C12M15/00
PC C12M15/00
PC C12M16/09: Linear; Single;
CC Antisense modulation of TWFR1 expression
FH Key
PT Source Corporation of TWFR1 Properties
FT FORCE CORPORATION (Qualifiers
FT FORCE CORPORATION (Qualifiers)
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                                                                                Query Match 0.8%; Score 18; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 18; Matches 18; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                           linear
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Baker, B. F. and Cowsert, L. M.
Antisense modification of TNFR1 expression
Patent: JP 200219015-A 24 02-JUL-2002;
ISIS PHARNACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/24
PD 02-JUL-2002
PR 17-JUN-1999 UP 2000557265
PR 26-JUN-1999 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
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Unclassified.
1 (bases 1 to 24)
Reed, J.C. and Sato, T.
CD40 associated proteins
. Patent: US 6172187-A 11 09-JAN-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.8%; Score 18; DB 1;
100.0%; Pred. No. 18;
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Sequence 11 from patent US 6172187.
AR124732 GI:14110093
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Conservative 0; Mismatches
/organism="unknown"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD217401/c
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AR124732
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PN JP 2002519015-A/70
PN JP 2002519015-A/70
PN JP 2002519015-A/70
PD 02-UUL-1999 US 09/106038
PT 17-UTN-1998 US 09/106038
PT BRENDA F BAKER,LEX M COWSERT
PC C12N15/09,A61K31/7105,A61K31/711,A61K48/00,A61P29/00,A61P43/00, PC C12N15/09,A61K31/7105,A61K31/711,A61K48/00,A61P29/00,A61P43/00, PC C12N15/09,A61K31/7105,A61K31/711,A61K48/00,A61P29/00,A61P43/00, PC C12N15/09,A61K31/711,A61K48/00,A61P29/00,A61P43/00, PC C12N15/09,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/00,A61P29/
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18;
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                                                               Query Match 0.8%; Score 18; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 18; Matches 18; Conservative 0; Mismatches 0; Indels
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1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Bartisense modulation of TNFR1 expression
Patent: JP 2002519015-A 70 02-JUL-2002;
ISIS PHARWACHTICALS INC
OS Unidentified
PN JP 2002519015-A/70
PD 02-JUL-2002
PR 17-JUN-1999 JP 2000557265
PR 26-JUN-1999 US 09/106038
PR 26-JUN-1999 US 09/106038
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1 (bases 1 to 18)
Baker,B.F. and Cowsert,L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 24 28-DEC-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                         BD217447 16 bp DNA Antisense modulation of TNFR1 expression. BD217447
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/organism="unidentified"
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                 /db_xref="taxon:32644"
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                                                                                                                                                                               1269 TCAGAAGTGGGAGGACAG 1286
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LOCUS AR096353/c

RESULT 73

FEATURES

ACCESSION VERSION KEYWORDS SOURCE

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JOURNAL

AUTHORS TITLE

REFERENCE

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DEFINITION

ACCESSION VERSION KEYWORDS

RESULT 76 I22662

SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL FEATURES

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PAT 07-0CT-1997
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      PAT 07-0CT-1997
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Bauer, H.M., Gravitt, P.E., Greer, C.E., Impraim, C.C.,
Manos, M.Michele., Resnick, R.M. and Zhang, T.Yi.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5639871-A 151 17-JUN-1997;
                                                                                                   Unknown.
Unclassified.

(Unclassified.
1 (Dases 1 to 23)

Bauer, H.M., Gravitt, P.E., Greer, C.E., Impraim, C.C.,

Manos, M.Michele., Resnick, R.M. and Zhang, T.Yi.

Detection of human papillomavirus by the polymerase chain reaction

Patent: US 5639871-A 150 17-UON-1997;
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IMMUNE-EVADING PROTEINS
PATENT: W0 9524818-A 8 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other publication AU 5284296 961030.
23 bp Di
Sequence 150 from patent US 5639871.
147487
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/organism="unknown"
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/wol_type="unassigned DNA"
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Best Local Similarity 90.5%;
Matches 19; Conservative
                                                    GI:2471452
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Best Local Similarity
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(Loses 1 to 23)

Bauer, H.B., Gravitt, P.E., Greer, C.E., Manos, M.Michele.,

Resnick, R.M. and Zhang, T.Y.

Detection of human papillomavirus by the polymerase chain reaction

Patent: US 5527898-A 150.18-UNN-1996;

Location/Qualifiers
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Bauer, H.M., Gravitt, P.E., Greer, C.E., Manos, M.Michele.,
Resnick, R.M. and Zhang, T.Y.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5527989-A 151 18-JUN-1996;
Location/Qualifiers
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                                                                   0.8%; Score 18; DB J
100.0%; Pred. No. 47;
rative 0; Mismatches
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Sequence 150 from patent US 5527898.
122662
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Sequence 151 from patent US 5527898.
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0.8%; Score 17.8; D
Best Local Similarity 90.5%; Pred. No. 46;
Matches 19; Conservative 0; Mismatches
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/organism="unknown"
/mol_type="unassigned DNA"
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      1. .24
/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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I22663.1 GI:1603017
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REFERENCE AUTHORS PAT 14-FEB-2003

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Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indig, M., Kurensky, D., Luedtke, C., Lukowiak, A.A., Lyamichev, V., Neri, B.P., Reimer, N.D., Roeven, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Sturny, S. and Viegut, D.D. Systems and method for detection assay production and sale Patent: WO 0244994-A 726 06-JUN-2002; THIRD WAVE TECHNOLOGIES, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 22)
Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Imbach, J.Louis.
Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 36 14-SEP-1999;
1. .22
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0.8%; Score 17.2; DB 1;
Best Local Similarity 86.4%; Pred. No. 56;
Matches 19; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 17.4; DB 1; Best Local Similarity 94.7%; Pred. No. 50; Matches 18; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                            1. .22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 36 from patent US 5952490.
AR074228
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/wol_type="unassigned DNA"
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Sequence 44 from patent US 5952490.
AR074236 1 GI:10000991
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Sequence 726 from Patent W00244994.
AX598452
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Unclassified.
1 (bases 1 to 24)
Masucci,M.G.
Glycine-containing sequences conferring invisibility to the immune
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Methods for refolding proteins containing free cysteine residues
Patent: Wo 0187925-A 36 22-NOV-2001;
Bolder Biotechnology, Inc. (US)
Location/Qualifiers
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83.3%; Pred. No. 59;
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0.8%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 52;
Matches 19; Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
                                                                           0.8%; Score 17.8; Dilarity 90.5%; Pred. No. 52; Conservative 0; Mismatches
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Sequence 13 from patent US 5833991.
AR052982
AR052982.1 GI:5977844
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    .24
    /organism="unidentified"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32644"

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Sequence 36 from Patent W00187925.
AX306718
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Matches 20; Conservative
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Best Local Similarity
Matches 19; Conserva
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Wyatt,J.R.
Oligonucleotides having a conserved g4 core sequence
Patent: EP 1016715-A 36 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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Patent: EP 1016715-A 44 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Pred. No. 56;
0; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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0.8%; Score 17.2; I
Best Local Similarity 86.4%; Pred. No. 56;
Matches 19; Conservative 0; Mismatches
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Sequence 36 from Patent EP1016715.
AX032590
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Sequence 44 from Patent BP1016715.
AX032598
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Best Local Similarity 86.4%;
Matches 19; Conservative
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Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y., Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Myatt, J.R. and Imbach, J.Louis.
Oligonucleotides having a conserved G4 core sequence Patent: US 552490-A 117 14-SEP-1999;
Location/Qualifiers
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Hanecak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
              1 (bases 1 to 22)
Hancack,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Hancack,T.C., Anderson,K.P., Grer,D.J., Vickers,T.A., Wyatt,J.R. and
Imbach,J.Louis.
Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 44 14-SEP-1999;
Location/Qualifiers
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Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 110 14-SEP-1999;
Location/Qualifiers
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0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 56;
Matches 19; Conservative 0; Mismatches 3; Indels
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Seguence 110 from patent US 5952490.
AR074302
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/organism="unknown"
/mol_type="unassigned DNA"
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REFERENCE AUTHORS

JOURNAL

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Unclassified.
1 (bases 1 to 24)
Masucci,M.G.
Glycine-containing sequences conferring invisibility to the immune
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                              IMMUNE-EVADING PROTEINS
PATENT: NO 963483-A 2 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other publication AU 5284296 961030.
Location/Qualifiers
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86.4%; Pred. No. 75;
ative 0; Mismatches
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IMMUNE-BVADING PROTEINS
PATCHET: WO 9632483-A 3 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other publication AU 5284296 961030.
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/organism="unknown"
/wol_type="unassigned DNA"

    .24
    /organism="unidentified"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32644"

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86.4%; Pred. No. 75;
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Location/Qualifiers
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/db_xref="taxon:32644"
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Sequence 3 from Patent WO9632483.
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Best Local Similarity 86.4
Matches 19; Conservative
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Masucci, M.G.
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Wyatt,J.R.
Oligonucleo.
Patent: EP 1016715-A 117 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
                                                                                                                                                                  Imbach,J.L., Brown-Driver,V.L., Vickers,T.A., Ecker,D.J.,
Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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Oligonucleotides having a conserved g4 core sequence
Digonucleotides having a conserved g4 core sequence
Patent: EP 1016715-A 110 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
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               22 bp 1
Sequence 110 from Patent EP1016715.
AX032664

    .22
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Sequence 117 from Patent EP1016715.
AX032671
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Sequence 2 from Patent W09632483.
A7510.
A57510.1 GI:3713368
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PAT 28-AUG-2000
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Hancack,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Hancack,R.C., Anderson,K.P., Scker,D.J., Vickers,T.A., Wyatt,J.R. and
Imbach,J.Louis.
Oligomiclectides having a conserved G4 core sequence
Patent: US 5952490.A 43 14-SEP-1999;
Location/Qualifiers
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1 (bases 1 to 24)

Hanecak, R.C., Anderson, K.P., Bennett, C. Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 24)
Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
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Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 116 14-SEP-1999;
Location/Qualifiers
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Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 109 14-SEP-1999;
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Sequence 109 from patent US 5952490.
AR074301
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1 Similarity 86.4%; Pred. No. 75;
19; Conservative 0; Mismatches
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Hancack, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Hancack, R.C., Anderson, K.P., Vickers, T.A., Wyatt, J.R. and
Imbach, J.Louis.
Oligomucleotides having a conserved G4 core sequence
Patent: US 5952490-A 35 14-SEP-1999;
Location/Qualifiers
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Sequence 43 from patent US 5952490.
AR074235 RC074235.1 GI:10000990
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AR074227
AR074227.1 GI:10000982
                0; Mismatches
   Pred. No. 75;
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Patent: US 5833991-A 5 10-NOV-1998;
Location/Qualifiers
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Sequence 5 from patent US 5833991.
AR052977
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Masucci, M.G.
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AR052977/c
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AR074235/c
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( bases 1 to 24)

West, M.D., Harley, C.B., Weinrich, S.L., Strahl, C.M., McBachern, M.J., Shay, J., Wright, W.E., Blackburn, E.H., Kim, N.W. and Vaziri, H.

Diagnostic methods for conditions associated with elevated cellular levels of telomerase activity

Patent: US 6511774-A 32 22-APR-2003;

Patent: US 6511774-A 32 22-APR-2003;
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West, M.D. Harley, C.B., Weinrich, S.L., Strahl, C.M., McEachern, M.J.,
West, M.D., Harley, C.B., Weinrich, S.L., Kim, N.W. and Vaziri, H.
Diagnostic methods for conditions associated with elevated cellular
levels of telomerase activity
Patent: US 6551774-A 34 22-APR-2003;
Location/Qualifiers
                                                                                       1 (bases 1 to 24)
West,M.D., Harley,C.B., Weinrich,S.L., Strahl,C.M., McEachern,M.J.,
Shay,J., Wright,W.E., Blackburn,E.H., Kim,N.W. and Vaziri,H.
Diagnostic methods for conditions associated with elevated cellular
levels of telomerase activity
Patent: US 6551774-A 29 22-APR-2003;
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Sequence 34 from patent US 6551774.
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Pred. No. 75;
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/wol_type="genomic DNA"
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Sequence 32 from patent US
AR307275
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Draper.K.G., Crooke,S.T., Mirabelli,C.K., Ecker,D.J., Hanecak,R.C.,
Anderson,K.P., Brown-Driver,V.L. and Wyatt,J.R.
Oligonucleotide therapies for modulating the effects of herpes
viruses
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Hardin, C.C., Brown, B.A. II, Roberts, J.F. and Pelsue, S.C.
Antibodies that selectively bind quadruplex nucleic acids
Patent: US 6001657-A 3 14-DEC-1999;
Location/Qualifiers
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Pred. No. 75;
                                 Score 17.2; DB 1;
Pred. No. 75;
0; Mismatches 3;
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/mol_type="unassigned DNA"
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Sequence 3 from patent US 6001657.
AR094555.
AR094555.1 GI:10021587
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/organism="unknown"
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/organism="unknown"
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I20473.1 GI:1600828
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Best Local Similarity 86.4
Matches 19; Conservative
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TITLE

DEFINITION ACCESSION

VERSION KEYWORDS

RESULT 101

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ORGANISM

REFERENCE AUTHORS

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PAT 12-AUG-2002
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Wyatt,J.R.
Oligonucleotides having a conserved g4 core sequence
Patent: FP 1016515-A 116 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
                                                                                                                                                                                                                                           Imbach, J.L., Brown-Driver, V.L., Vickers, T.A., Ecker, D.J.,
Bennett, C.F., Chiang, M.Y., Anderson, K.P., Hanecak, R.C. and
Wyatt, J.R.
Oligonucleotides having a conserved g4 core sequence
Patent: EP 1016/15-A 109 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 355 from Patent WO0220848.
AX477264
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Sequence 116 from Patent BP1016715.
AX032670
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Pred. No. 75;
                                                                                                  AX032663 24 bp Sequence 109 from Patent EP1016715.
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Best Local Similarity 86.4%;
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Bennett,C.P., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Wyatt,J.R.
Oligonucleotides having a conserved g4 core sequence
Patent: BP 1016715-A 35 05-UUL-2000;
ISIS PHARMACENT.CALS INC (US)
Location/Qualifiers
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Bennett, C.F., Chiang, M.Y., Anderson, K.P., Hanecak, R.C. and
Wyatt, J.R.
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Patent: EP 1016715-A 43 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
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16.4%; Pred. No. 75;
ve 0; Mismatches

    .24
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0.8%; Score 17.2; D
Best Local Similarity 86.4%; Pred. No. 75;
Matches 19; Conservative 0; Mismatches
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Sequence 43 from Patent EP1016715.
AX032597
AX032597.1 GI:10279535
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Sequence 35 from Patent EP1016715.
AX032589
   1. .24
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Best Local Similarity 86.4%;
Matches 19; Conservative (
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Best Local Similarity 86.4<sup>3</sup>
Matches 19; Conservative
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VERSION
KEYWORDS
SOURCE
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VERSION
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JOURNAL
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AUTHORS
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FEATURES

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FEATURES

KEYWORDS

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Gaps

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PAT 22-JUN-2001

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                     1 .21
/organism="synthetic construct"
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/note="Forward Probe Sequence for Spot14 mRNA"
expression
Patent: WO 02064840-A 6 22-AUG-2002;
Abbott Laboratories (US) ; ISIS Pharmaceuticals, Inc.
Location/Qualifiers
                                                                                                                                                                             Length 21;
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Human single nucleotide polymorphisms
Paten: WO 01385/6-A 573 31-WAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 15.8; DB 1;
Pred. No. 1.1e+02;
1; Mismatches 3;
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
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Patent: WO 02102849-A 8 27-DEC-2002;
Oxford GlycoSciences (UK) Limited (GB)
Location/Qualifiers
                                                                                                                                                                          ; Score 16.8; DE; Pred. No. 61; 0; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 573 from Patent W00138576.
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81.0%;
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Best Local Similarity
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Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C.
Gene and sequence variation associated with lipid disorder
Patent: WO 0220847-A 355 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
Location/Qualifiers
                                                                                                      Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P., Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C. Gene and sequence variation associated with cancer patent: WO 0220848-A 355 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
Location/Qualifiers
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/mcl_type="unassigned DNA"
/db_xref="taxon:32630"
/nofe="Synthetic Primer"
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/mol type="unassigned DNA"
/mol type="unassigned DNA"
/bote="Synthetic Primer"
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Sequence 6 from Patent W002064840.
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7257 12-FEB-2002;
Location/Qualifiers
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1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3066 20-MAY-2003;
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llarity 94.1%; Pred. No. 70;
Conservative 0; Mismatches 1; Indels
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Pred. No. 1.4e+02;
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US 6566127.
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Sequence 7257 from patent US 6346398.
AR191769 1G1:20237734
                             Query Match
0.7%; Score 15.6; D
Best Local Similarity 81.8%; Pred. No. 1.4e
Matches 18; Conservative 0; Mismatches
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ARI75645
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/mol_type="unassigned DNA"
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Sequence 3066 from patent
AR325664
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AR191769/c
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PN JP 2002536024-A/9
PD 29-OCT-2002
PP 07-FEB-2000 JP 2000598658
PR 08-FEB-1999 DE 199 06 169.6
PI FRANK ROMAN LATTER, LOTZ GROHMANN, ROGER STAESCHE PC
CL2N15/09, Cl2Q1/68, G01N21/78, G01N33/02, G01N33/53, PC
G01N33/566,
C CL2N15/00
CC Description of artificial sequence: primer
FH Key
I. .22
FT source /organism='Artificial Seminace'
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                                                                                                                                                                                BD249866 22 bp DNA linear PAT 17-JUL-2 Test kit and method for quantitatively detecting genetically modi-fied DNA in foodstuff by means of fluorescence-coupled PCR.
                                                                                                                                                                                                                                                                                                                                                    Lauter, F.R., Grohmann, L. and Staesche, R. Test kit and method for quantitatively detecting genetically modi-fied DNA in foodstuff by means of fluorescence-coupled PCR Patent: JP 2002536024-A 9 29-OCT-2002; BIOINSIDE GMBH
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                                 Indels
Pred. No. 1.3e+02;
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llarity 81.8%; Pred. No. 1.4e+02;
Conservative 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
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Sequence 9 from Patent DE19906169.
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/db_xref="taxon:32630"
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                                                                 1179 GGCTCCCCGCAGAGGTG 1197
                             0;
                                                                                             21 GGCTACCGCGGAGAGGTG 3
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JP 2002536024-A/9.
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                                                                                                                                                                                                                                                                                 synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 22)
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                   89.5%;
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                 Best Local Similarity 89.5
Matches 17; Conservative
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Best Local Similarity
Matches 18; Conserv
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BD014788 11-AUG-2002 Modulator of weight, corresponding nucleic acid and protein, and diagnosis and remedy utilization thereof.
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PC C12NS/10, C12P21/02,C12P21/08,C12Q1/68//(C12N1/19,C12R1:72), PC C12NS/10,C12P21/02,C12P21/08,C12Q1/68//(C12N1/19,C12R1:07), PC (C12N1/21,C12R1:08),(C12N1/21,C12R1:07), PC (C12N1/21,C12R1:19),C12N1/21,C12R1:38),(C12NS/10,C12R1:91), PC (C12P21/02,C12R1:19),C12N15/00,A61K37/02,C12NS/00,C12N5/00,PC C Strandedness: Single;
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PN JP 2001157591-A/29
PD 12-JUN-2001
PP 29-SED-2000 UP 2000301496
PR 30-NOV-1994 US 08/347563,10-MAY-1995 US 08/438431 PR 07-JUN-1995 US 08/483211
PI JEFFRY M FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi, Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
I (Dases I to 18)
Friedman, J.M., Zhang, Y., Proenca, R., Maffei, M., Halaas, J.L.,
Kajiwara, K. and Burley, S.K.
Modulator of weight, corresponding nucleic acid and protein, and diagnosis and remedy utilization thereof
Patent: JP 2001157591-A 29 12-JUN-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PI JEFFRY L HALAAS, KETAN KAJIWARA, STEPHEN K BURLEY PC
C12N15/09, A61K31/711, A61K38/00, A61K39/395, A61K45/00, A61K48/00, PC
A61P3/04,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
Gaps
                                                                                                                                                                                                                                                                                      1 (bases 1 to 18)
Friedman, J.M., Zhang, Y. and Proenca, R.
Ob polypeptides, modified forms and compositions thereto
Patent: US 6471956-A 45 29-OCT-2002;
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Indels
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Pred. No. 84;
 Mismatches
                                                                                                                                                         Sequence 45 from patent US 6471956.
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                                                                                                                                                    18 bp
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/organism="unknown"
0;
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JP 2001157591-A/29.
Homo sapiens (human)
Homo sapiens
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   Conservative
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Best Local Similarity
Matches 16; Conserv
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BD014788/c
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Unclassified.
I (bases 1 to 18)
Friedman, J.W., Zhang, Y. and Proenca, R.
OB polypeptides and modified forms as modulators of body weight
Patent: US 6350730-A 45 26-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                   Unclassified.
I (bases 1 to 18)
Friedman, J. M., Zhang, Y. and Proenca, R.
Modulators of body weight, corresponding nucleic acids and proteins, and diagnostic and therapeutic uses thereof Patent: US 6309553-A 8 30-OCT-2001;
Location/Qualifiers
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0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 84;
Matches 16; Conservative 0; Mismatches 1; Indels
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Friedman, J.M., Zhang, Y. and Proenca, R.
OB polypeptides, modified forms and derivatives
Patent: US 6429290-A 45 06-AUG-2002;
Location/Qualifiers
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Pred. No. 84;
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0.7%; Score 15.4; D
Best Local Similarity 94.1%; Pred. No. 84;
Matches 16; Conservative 0; Mismatches
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Sequence 45 from patent US 6429290.
AR222303.1 GI:23329788
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Sequence 45 from patent US 6350730.
                                                                                                                                                                                                                       /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unknown"
/wol_type="genomic DNA"
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AR195221.1 GI:20244658
   GI:17916944
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Best Local Similarity
   AR175645.1
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AR195221/c
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FEATURES
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PAT 28-AUG-2000
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Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
Imbach, J.Louis.
Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 45 14-SEP-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 20)

Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
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Oligonucleotides having a conserved G4 core sequence
Patent: 18 5 952490-A 114 14-SEP-1999;
Location/Qualifiers
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             Score 15.4; DB 1;
Pred. No. 1.2e+02;
0; Mismatches 1;
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0.7%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 1;
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                                                                                                                                                                                                         Sequence 45 from patent US 5952490.
AR074237
AR074237.1 GI:10000992
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/organism="unknown"
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/wol_type="unassigned DNA"
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Best Local Similarity 94.1%;
Matches 16; Conservative (
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AR074306/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 3264 03-MAX-2001;
                 Key
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Unclassified.
1 (bases 1 to 20)
Hanecak, C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
Imbach, J.Louis.
Oligonucleorides having a conserved G4 core sequence
Patent: US 5952490-A 37 14+SEP-1999;
Location/Qualifiers
Topology: Linear;
PCR primer sWSS2359 specific in sequence tag site FH
Location/Qualifiers
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                                                        /organism='Homo sapiens (human)'
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larity 94.1%; Pred. No. 84;
Conservative 0; Mismatches 1; Indels
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/db_xref="taxon:9606"
/note="Cyclin B1 ribozyme binding site"
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Seguence 3264 from Patent WO0130362.
AX132046
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Sequence 37 from patent US 5952490.
AR074229
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/wol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

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    organism="Homo sapiens"

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AX032599/c
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                                                                                                                    Hanecak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
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Bennett, C.F., Chiang, M.Y., Anderson, K.P., Hanecak, R.C. and
Wyatt, J.R.
Oligonical extending a conserved g4 core sequence
Patent: EP 1016715-A 37 05-JUL-2000;
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Oligomucleotides having a conserved G4 core sequence Patent: US 5552490-A 118 14-SEP-1999;
Location/Qualifiers
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Location/Qualifiers
1. .20
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Sequence 118 from patent US 5952490.
AR074310
AR074310.1 GI:10001065
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Sequence 55 from patent US 5514577.
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AX032591/c
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120476/c
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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Oligonucleotides having a conserved g4 core sequence
Patent: EP 1016715-A 45 05-UTL-2000;
ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
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Best Local Similarity 94.1%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels
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Patent: EP 1016715-A 114 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
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                                                                                             Length 20
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0.7%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 1;
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Sequence 114 from Patent EP1016715.
AX032668
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/mol_type="unassigned DNA"
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Sequence 45 from Patent EP1016715.
AX032599
AX032599.1 GI:10279537
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PAT 17-JUL-2003
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Antisense oligomuclectide inhibiting the common subunit of IL-4 and IL-13
                                                                     Aegilops tauschii
Aegilops tauschii
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnollophyta, Liliopsida, Poales, Poaceae,
Pooideae, Triticeae, Aegilops.
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                                                                                                                                                                                                                             Bernard, M., Sourdille, P. and Guyomarch, H.
Microsatellite markers from Triticum tauschii
Patent: EP 1217079-A 249 26-UIN-2002;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
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Location/Qualifiers
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Pred. No. 1.3e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="Aegilops tauschii"
/mol_type="unassigned DNA"
/db_xref="taxon:37682"
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Best Local Similarity 94.1%; Pred. No. 1.2e
Matches 16; Conservative 0; Mismatches
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JP 2002518007-A/4
25-JUN-2002
17-JUN-1999 JP 2000554846
17-JUN-1999 CA
PAOLO RENZI
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AX462505.1 GI:21885718
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JP 2002518007-A/4.
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Best Local Similarity 85.0%;
Matches 17; Conservative
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  Gaps
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Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Wyatt,J.R.
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Patent: EP 101715-A 118 05-UUL-2000;
ISIS PHAMACHTICALS INC (US)
Location/Qualifiers
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Detection of anti-hepatitis b drug resistance
Matcher: WO 0104358-A 44 18-JAN-2001;
INNOGENETICS N.V. (BE)
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44.1%; Pred. No. 1.2e+02;
ve 0; Mismatches 1;
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    .20
    forganism="Hepatitis B virus"
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 249 from Patent BP1217079.
  0; Mismatches
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Sequence 44 from Patent W00104358.
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PAT 29-MAR-1999

RESULT 136

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FEATURES

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KEYWORDS

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JM Unknown.
Unclassified.
E 1 (bases 1 to 21)
RS Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
AML Patent: US 6537751-A 8726 25-MAR-2003;
Location/Qualifiers
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Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3;
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unidentified
unclassfied.
1 (bases 1 to 20)
Stuyver,L., Rossau,R. and Maertens,G.
Barent: WO 9740193-A 135 30-OCT-1997;
INNOGENETICS NV (BE)
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Stuyver, L., Rossau, R. and Maertens, G.
METHOD FOR TYPING AND DETECTING HBV
PATENT: WO 9740193-A 274 30-OCT-1997;
INNOGENETICS NV (BE)
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Sequence 135 from Patent W09740193.
A66968

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Methods for increasing in vivo efficacy of oligonucleotides and
inhibiting inflammation in mammals
Patent: WO 03004511-A 4 16-JAN.2003;
Topigen Pharmaceutiques Inc (CA)
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Antisense oligonucleotides for treating or preventing atopic diseases and neoplastic cell proliferation
Patent: WO 9966037-A 4 23-DEC-1999;
RENZI PAOLO (CA); RECH EXPERTISES ET DEV MEDICAU (CA)
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Sequence 8726 from patent US 6537751.
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Sequence 2548, Apple Sequence 33, Appl Sequence 86, Appl Sequence 98, Appl Sequence 193, Appl Sequence 193, Appl Sequence 193, Appl Sequence 49, Appl Sequence 49, Appl Sequence 49, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 23, Appl Sequence 29, Appl Sequence 21, Appl Sequence 31, Appl Sequen	equence 14 equence 21 equence 40 equence 13
US-09-038-073-2548 Sequence 25. US-09-630-636 Sequence 25. US-09-630-706-86 Sequence 26. US-09-630-706-86 Sequence 27. US-09-03-249-98 Sequence 47. US-09-01-952A-193 Sequence 47. US-09-01-952A-193 Sequence 47. US-09-42-978-4727 Sequence 47. US-09-42-9731-49 Sequence 27. US-09-45-582-49 Sequence 27. US-09-315-202-33 Sequence 27. US-09-315-203-33 Sequence 27. US-09-315-319-4 Sequence 27. US-09-315-319-4 Sequence 27. US-09-313-45-3 Sequence	US-09-371-772B-1411 Sequence 10 US-09-371-772B-2167 Sequence 21 US-09-371-772B-4049 Sequence 21 US-08-450-905B-134 Sequence 13
38-073-2548 Sequence 25-36-36-36-36-36-36-36-36-36-36-36-36-36-	B 1 US-09-371-772B-1411 Sequence 14 B 1 US-09-371-772B-167 Sequence 21 B 1 US-09-371-772B-4049 Sequence 21 B 1 US-08-450-905B-134 Sequence 13
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18 1 US-09-038-073-2548 Sequence 25. 18 1 US-09-031-25-571-33 Sequence 25. 18 1 US-09-031-25-571-33 Sequence 25. 18 1 US-09-679-645-583 Sequence 26. 18 1 US-09-679-645-583 Sequence 27. 18 1 US-09-031-9523-198 Sequence 27. 18 1 US-09-031-9523-198 Sequence 27. 19 1 US-09-031-9523-193 Sequence 27. 19 1 US-09-035-958-49 Sequence 27. 10 1 US-09-035-958-93 Sequence 27. 10 1 US-0	3.2 1.0 18 1 US-09-371-772B-1411 Sequence 13 12 1.0 18 1 US-09-371-772B-167 Sequence 21 3.2 1.0 18 1 US-09-371-772B-4049 Sequence 21 3.2 1.0 20 1 US-08-450-905B-134 Sequence 13 Sequence 13 3.2 1.0 20 1 US-08-450-905B-134

Sequence 104, App Sequence 1644, App Sequence 1644, App Sequence 1677, Ap Sequence 1700, Ap Sequence 1700, Ap Sequence 1704, App Sequence 1704, App Sequence 104, App Sequence 1700, App Sequence 1934, App Sequence 1944, App Sequenc	equence 355, equence 479, equence 725, equence 776, equence 831, equence 454, equence 467, equence 573, equence 1079, equence 1506
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US-08-882-649A-7 US-09-661-753-55 US-08-832-021-15 US-08-832-021-15 US-08-832-021-15 US-08-832-021-12 US-08-832-021-12 US-08-832-021-51 US-08-845-648-049 US-08-845-648-049 US-08-845-648-049 US-08-844-040-6008 US-08-844-040-600	0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80
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APPLICANT: Kilburn, Douglas G.
APPLICANT: Miller, Robert C.
APPLICANT: Warren, Richard A.J.
APPLICANT: Gilkes, Neil R.
TITLE OF INVENTION: Polygaccharide binding fusion proteins TITLE OF INVENTION: and conjugates
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.3%; Score 17.6; DB 1; Length 24; 83.3%; Pred. No. 32; tive 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/249,037C
RILING DATE: 24-MAY-1994
CLASSIFICATION: 435
PCIASSIFICATION: 435
PCIASSIFICATION DATA:
APPLICATION NUMBER: US 07/865,095
FILING DATE: 08-APR-1992
FILING DATE: 08-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/603,987
FILING DATE: 25-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/216,794
FILING DATE: 08-JUL-1988
ATTORNEY/AGIA T:
REGISTRATION NUMBER: 41,131
RESERBENGE/DOCKET NUMBER: 41,131
RESERBENGE/DOCKET NUMBER: CEDT.002.04US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 188 CCGCCGCCCACCCGGACGCCGACG 211
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Patent No. 5562289
GENERAL INFORMATION:
APPLICANT: Kilburn, Douglas G.
APPLICANT: Miller, Robert C.
APPLICANT: Warren, Richard A.J.
                                                                  RESULT 3
US-08-249-037C-16/c
; Sequent 05, Application US/08249037C
; Patent No. 5928917
      21 GGTGCGAGCGCAGACTGCGGG 1
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US-08-249-037C-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                    CITY: Palo Alto
STATE: CA
                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 4
US-08-788-622B-16/c
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  Sequence 420, App
Sequence 5660, Ap
Sequence 5661, Ap
Sequence 19, Appl
Sequence 33, Appl
Sequence 33, Appl
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                                                                                                                                                                                                                                                                                                                               Sequence 7, Application US/09667135
Patent No. 6521749
GRARRAL INFORMATION:
APPLICANT: Vincent Ling
APPLICANT: Vincent Ling
TITLE OF INVENTION: NOVEL GL50 MOLECULES AND USES THEREFOR
TITLE REPRENCE GNN-007
CURRENT APPLICATION: NUMBER: US/09/667,135
CURRENT FILING DATE: 2000-09-21
NUMBER OF SEQ ID WOS: 38
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match
1.3%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 21;
Matches 19; Conservative 0; Mismatches 2; Indels
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US-09-402-923A-420
US-09-371-772B-5660
US-09-371-772B-561
PCT-US96-00331-19
US-08-702-105A-33
US-08-702-110A-33
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1.6%; Score 22; DB
Best Local Similarity 100.0%; Pred. No. 2.5
Matches 22; Conservative 0; Mismatches
                                                                                                                                                                     ALIGNMENTS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 AGCTACGCAAATCTTAGCATA 22
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                                                                                                                                                                                                                                                                        Sequence 65, Application US/09302681
Patent No. 6441149
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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OTHER INFORMATION: primer
US-09-667-135-7
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OTHER INFORMATION:
US-09-302-681-65
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LENGTH: 22
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Page 42

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PAT 05-DEC-1998

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Hepatitis B virus
Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
                                                                                                                                                                                                                                                                                               Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 18)
Villeponteau, B., Feng, J., Funk, W. and Andrews, W.H.
Assays for the DNA component of human telomerase
Patent: US 5776679-A 37 07-JUL-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 18)
Villeponteau, B., Feng, J., Funk, W. and Andrews, W.H. Mammalian telomerase
Patent: US 5958660-A 36 28-SEP-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                          Query Match 0.7%; Score 15; DB 1; Length 20, Best Local Similarity 88.2%; Pred. No. 1.5e+02; Matches 15; Conservative 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                            Stuyver, L., van Geyt, C. and de Gendt, S. New hbv sequences
Patent: WO 0140279-A 37 07-JUN-2001;
INNOGENETICS N. V. (BE)
Location/Qualifiers
                                                                                                                                                                                                             1. 20
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Sequence 37 from patent US 5776679.
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/organism="unknown"
/wol_type="unassigned DNA"
Sequence 37 from Patent W00140279.
AX155625
AX155625.1 GI:14536823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
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Unclassified.
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Hepatitis B virus
Viruses, Retroid viruses, Hepadnaviridae, Orthohepadnavirus.
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Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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          0.7%; Score 15; DB 1; Length 20;
88.2%; Pred. No. 1.5e+02;
ive 1; Mismatches 1; Indels
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88.2%; Pred. No. 1.5e+02;
tive 1; Mismatches 1; Indels
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                                                                                                                                                                                          DNA
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/organism="Hepatitis B virus"
/mol type="unassigned DNA"
/db_xref="taxon:10407"
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/mol_type="unassigned DNA"
/db xxef="taxon:10407"
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Patent: EP 1104811-A 37 06-JUN-2001;
INNOGENETICS N.V. (BE)
Location/Qualifiers
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Sequence 42 from Patent W00104358.
AX076066
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        Query Match 0.7°
Best Local Similarity 88.2
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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ACCESSION
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AX155625/c
LOCUS
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AX076066/c
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AX103472/c
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genetic marker; microsatellite; tetranucleotide repeat.
Ganis familiaris (dog)
Canis familiaris
Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 19)
Francisco, L. V., Langston, A. A., Mellersh, C. S., Neal, C. L. and
Ostrander, E. A.
A class of highly polymorphic tetranucleotide repeats for canine
genetic mapping
Mamm. Genome 7 (S), 359-362 (1996)
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88.9%; Pred. No. 1.4e+02;
Attive 0; Mismatches 2; Indels
                                                                          1 (bases 1 to 18)
Villeponteau, B., Feng, J., Funk, W. and Andrews, W.H. Mammalian telomerase
Patent: JP 2002272489-A 44 24-SEP-2002;
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Canis familiaris (clone 2100F) DNA, STS primer.
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/organism='Unidentified'.
Location/Qualifiers
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/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/note="2100F"
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Best Local Similarity 88.9
Matches 16; Conservative
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Best Local Similarity 88.99
Matches 16; Conservative
unidentified
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                         Score 14.8; DB 1; Length 18; Pred. No. 1.2e+02; 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 18)
Barber,J.R., Welch,P.J., Tritz,R., Yei,S. and Yu,M.
Hepatitis C Virus ribozymes
Patent: US 6458657-A 6 01-OCT-2002;
Location/Qualifiers
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1 (bases 1 to 18)
Villeponteau, B., Feng, J., Funk, W. and Andrews, W.H. Mammalian telomerase
Patent: US 6548298-A 36 15-APR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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AR306484
AR306484.1 GI:31696323
                                                                                                                                                                                                                                                                                                                              AR234352 18 bp
Sequence 6 from patent US 6458567.
AR234352. GI:27277040
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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Mammalian telomerase.
BD176185
BD176185.1 GI:29121891
JP 2002272489-A/44.
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                                  0.7%;
                      Query Match
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RESULT 147 AR306484 LOCUS

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AUTHORS TITLE JOURNAL

FEATURES

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Matches

JOURNAL FEATURES AUTHORS TITLE

RESULT 146 AR234352/c LOCUS

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RESULT 148 BD176185

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ACCESSION VERSION KEYWORDS

LOCUS DEFINITION

ACCESSION

KEYWORDS

SOURCE

RESULT 150

BD230666

ORGANISM

AUTHORS TITLE

JOURNAL

COMMENT

FEATURES

REFERENCE

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Penger, A., Sprenger, R. and Brinkmann, U.
Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099099.A 31 12-DEC-2002;
Bpidauros Biotechnologie, AG (DE)
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Keating,M.T. and Splawski,I.

Mutations in and genomic structure of HERG--a long QT syndrome gene Patent: US 6207383-A 62 27-MAR-2001,

Location/Qualifiers
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Pred. No. 1.7e+02; 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 14.8; DB 1;
Pred. No. 1.4e+02;
0; Mismatches 2;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Seguence 308 from patent US 6451602.
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Sequence 321 from Patent WO02099099.
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/wol_type="unassigned DNA"
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Sequence 62 from patent US 6207383.
AR139545.1 GI:14482041
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TGACCCTGGTCACTTTCT 18
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Matches 16; Conservative
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artificial sequences.
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Best Local Similarity 88.9
Matches 16; Conservative
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AX643455/c
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BD230666.1 GI:33040436

BD230666.1 GI:33040436

S PP 2002330091-A/535.

Canis familiaris (dog)

Canis familiaris (dog)

Canis familiaris (dog)

ENKaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

All Dases 1 to 19.

S Galibert,F. and Andre,C.

Total genome and its use for identification of interesting genes

AL Total genome and its use for identification of interesting genes

AL TOTAL SOUGS30091-A/535 17-SEP-2002;

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

OS Canis familiaris (dog)

PR 13-NOV-1999 US 60/103193

PR 13-NOV-1999 US 60/103193

PR 13-NOV-1999 US 60/103193

PR 13-NOV-1999 US 60/103193

PR RANCIS GALIBERT, CATHERINE ANDRE

PC CLIMALS/09,CI2Q1/68,CI2NIS/00

FR Key

Location/Qualifiers

FT SOURCE

// Organism='Canis familiaris (dog)'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Penger, A., Sprenger, R. and Brinkmann, U.
Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099999-A 318 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
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                                                                            BD230666 19 bp DNA linear PAT 17-JUL-2003 Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.
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Pred. No. 1.4e+02;
0; Mismatches 2; Indels
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
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/db_xref="taxon:9615"
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Matches 16; Conservative
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AX643452

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Datent: JP 2002521065-A 60 16-JUL-2002;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
OS Homo supiens (human)
N JP 2002521065-A/60
PD 16-JUL-1999 JP 2000562554
PR 27-JUL-1999 US 09/122847,06-JAN-1999 US 09/226012 PI
MARK T KEATING, 1GOR SPLAWSKI
PC CIZNIS/09, AOIK67/027, CO7K14/47, CO7K16/18, CIZNI/15, CIZNI/19, PC
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Mutations in and genomic structure of HERG - a long QT syndrome
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Bukaryota; Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi; Mammalia, Eutheria, Primates; Catarrhini, Hominidae, Homo. I, Chases, 1 to 20)
Keating, M.T. and Splawski, I.
Mutations in and genomic structure of HERG - a long QT syndrome
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                                   0.7%; Score 14.8; DB 1;
larity 88.9%; Pred. No. 1.7e+02;
Conservative 0; Mismatches 2;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/nofce="MG789"
/note="oligonucleotide primer"
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DANA FARBER CANCER INSTITUTE (US)
Location/Qualifiers
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Sequence 120 from Patent WO0236761.
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JP 2002521065-A/60.
Homo sapiens (human)
Homo sapiens
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Proteins and nucleic acids encoding same patent: WO 0230974-A 72 18-APR-2002;

Curagen Corporation (03)

Location/Qualifiers
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18.9%; Pred. No. 1.7e+02;
ve 0; Mismatches 2; Indels
                                                                                                                                                                        0.7%; Score 14.8; DB 1; Length 20;
llarity 88.9%; Pred. No. 1.7e+02;
Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:22630"
/noTe="Hypothetical Probe Sequence"
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/db_xref="taxon:32630"
 1 (bases 1 to 20)
Popoff, I. and Cowsert, L.M.
Antisense modulation of PARP expression
Patent: US 6451602-A 308 17-SEP-2002;
Location/Qualifiers
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Sequence 7732 from Patent WO0179548.
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Sequence 72 from Patent WO0230974.
AX527818
                                                                                                                                      /mol_type="genomic DNA"
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                                                                                               1. .20
/organism="unknown"
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synthetic construct
artificial sequences.
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Best Local Similarity 88.9
Matches 16; Conservative
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ACCESSION
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AX527818/c
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RESULT 159 AR166990 DEFINITION

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KEYWORDS

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ORGANISM

AUTHORS REFERENCE

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FEATURES

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PAT 20-JUN-2002
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                                                                                                      _(CIZNIS/09,CIZRI:92),(CIZN7/00,CIZRI:92),(CIZN9/50,CIZRI:92),
CIZNIS/00,
A61K37/64,(CIZNIS/00,CIZRI:92)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Includes 1 to 21)
Anderson, K.P., Hanecak, R.C., Hoshiko, K., Nozaki, C., Nishihara, T.,
Anderson, K.P., Hanecak, R.C., Eto, T.,
Bratake, H., Hamada, F., Eto, T., Furukawa, S., Furasako, S.,
Bruice, T.W. and Lima, W.F.
Compositions and methods for treatment of Hepatitis C
virus-associated diseases
Virus-associated diseases
Patent: US 6391542-A 7 21-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                           C12N15/09, C12N7/00, C12N9/50, C12N9/99, C12Q1/70//A61K31/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. Mccarthy, J.J.
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                                                                                                                                                                                                                         /organism='Artificial Sequence'.
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Pred. No. 2e+02;
0; Mismatches 2;
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                                                                                                                                                                                        Location/Qualifiers

    .21
    ^organism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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Sequence 1936 from Patent WO0118250.
AX096758
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Pred. No. 2e+02;
0; Mismatches
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/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AR210645 21 bp
Sequence 7 from patent US 6391542.
AR210645.1 GI:21513427
     07-SEP-1999
07-CCT-1998 JP 1998300376
07-CCT-1997 US 08/946.021
TAKAMASA UENO
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity 88.9%;
Matches 16; Conservative (
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source
     PD 07-SE
PF 07-0C
PI TAKAM
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AGIKS152N
PC (C12N
PC (C12N
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KEYWORDS
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AUTHORS
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GOIN33/53,GOIN33/566,GOIN33/577//C12P21/08,C12N15/00,C12N5/00,
C12N5/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Anderson, K.P., Hanecak, R.C., Hoshiko, K., Nozaki, C., Nishihara, T., Nakatake, H., Hamada, F., Eto, T. and Furukawa, S. Compositions and methods for treatment of hepatitis C virus-associated diseases
Patent: US 628458-A 7 04-SEP-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                     Gaps
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                                          Mutations in and genomic structure of HERG - a long QT
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                                                                                                              /organism='Homo sapiens (human)'. Location/Qualifiers
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/wol_type="unassigned DNA"
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Sequence 7 from patent US 6284458.
AR166990
AR166990.1 GI:16243405
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 1999239486-A/24
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E36309.1 GI:13022602
JP 199923486-A/24.
synthetic construct
synthetic construct
artificial sequence.
I (bases I to 21)
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                                                              syndrome gene
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Unclassified.
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                                                                                 Key
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RESULT 160

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AUTHORS TITLE

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COMMENT

REFERENCE

ACCESSION VERSION KEYWORDS

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PAT 28-AUG-2000
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Hancak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
Imbach,J.Louis.
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Query Match 0.7%; Score 14.8; DB 1; Length 21; Best Local Similarity 88.9%; Pred. No. 2e+02; Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                 Oligonúcleotides having a conserved G4 core sequence
Patent: US 5952490-A 39 14-SEP-1999;
Location/Qualifiers
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DEFINITION Sequence 112 from patent US 5952490.
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Sequence 55 from patent US 5952490.
AR074247
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/mol_type="unassigned DNA"
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                                                                                                                                                                           16 bp
Sequence 39 from patent US 5952490.
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AR074231/C
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AUTHORS
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JOURNAL
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Major virulence factor detection and verocytotoxin type 2 subtype
from clinical E. coli isolates using a one-step multiplex PCR
Patent: WO 3062464-A 17 31-JUL-2003;
Minister of Health and Welfare Canada (CA)
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Enterobacteriaceae; Escherichia.
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   Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1936 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
                                                                                                                                                           0.7%; Score 14.8; DB 1; Length 21; 80.0%; Pred. No. 2e+02; Live 1; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol Lype="unassigned DNA"
/db xref="taxon:32630"
/noTe="primer SLQrev"
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Atr-2 cell cycle checkpoint
Patent: WO 0127288-A 24 19-APR-2001;
ICOS CORPORATION (US)
Location/Qualifiers
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Sequence 17 from Patent WO03062464.
AX811468
                                                                                    1. .21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 24 from Patent WO0127288.
AX113651
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synthetic construct
artificial sequences.
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Matches 16; Conservative
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Escherichia coli
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
                                                                                                                                                                                                                                                                                                                                                                                                                                       Imbach,J.L., Brown-Driver,V.L., Vickers,T.A., Ecker,D.J.,
Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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Patent: EP 1016715-A 112 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
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Oligonucleotides having a conserved g4 core sequence
Patent: EP 1016715-A 55 05-UUL-2000;
ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
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0.7%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 112 from Patent EP1016715.
AX032666

    .16
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

                                                                                                                                                                                                                                                                                    AX032609 16 bp
Sequence 55 from Patent BP1016715.
AX032609
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Location/Qualifiers
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Best Local Similarity 93.8
Matches 15; Conservative
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AX032666/c
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I (bases 1 to 16)
Draper,K.G., Crooke,S.T., Mirabelli,C.K., Ecker,D.J., Hanecak,R.C., Anderson,K.P., Brown-Driver,V.L. and Wyatt,J.R.
Oligonucleotide therapies for modulating the effects of herpes
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                                                                   Unknown.
Unclassified.
Unclassified.
(Dases 1 to 16)
Hanecak,R.C., Anderson,K.P., Bennett,C.Frank,, Chiang,M.-Y.,
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Imbach,J.L., Brown-Driver,V.L., Vickers,T.A., Ecker,D.J.,
Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Wyatt,J.R.
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                                                                                                                                                   Imbach,J.Louis.
Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 112 14-SEP-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                      0.7%; Score 14.4; DB 1; Length 16; 93.8%; Pred. No. 1e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.7%; Score 14.4; DB 1; Length 16; 93.8%; Pred. No. 1e+02;
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           16 bp
Sequence 56 from patent US 5514577.
                                                                                                                                                                                                                                        /organism="unknown"
/wol_type="unassigned DNA"
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                 AR074304.1 GI:10001059
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Best Local Similarity 93.8
Matches 15; Conservative
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AX032593/c
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SOURCE ORGANISM

REFERENCE

TITLE

JOURNAL

FEATURES

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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
Patent: WO 03004526-A 505 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                       Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                              Gu,Y. and Nguyen,C.T.
Human lccl-domain containing protein
Patent: EP 1262488-A 205 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers

    1.17
    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

                                                                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
/db_xref="taxon:9606"
Sequence 205 from Patent EP1262488.
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/organism="Homo sapiens"
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                      AX615398
AX615398.1 GI:28446444
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AX672060/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                Blatt,L., Mcswiggen,J. and Chowrira,B.M. Method and reagent for the modulation and diagnosis of cd20 and
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Patent: WO 0159103-AB10 16-AUG-2001;
RIBOZYNE FRANKGUTULCA.S. INC. (US); Blatt, Lawrence (US)
MCSWiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
/ organism="synthetic construct"
/ mol_type="unassigned RNA"
/ db zref="taxon:33630"
/ note="Nucleic Acid"
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Human lccl-domain containing protein
Patent: EP 1262488-A 204 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers

    .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Sequence 204 from Patent EP1262488.
                                                                                                                                             Sequence 810 from Patent WO0159103.
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                            1251 CCCCATCCCCAACCC 1266
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synthetic construct
artificial sequences.
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Best Local Similarity 93.8
Matches 15; Conservative
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AX215368/C
LOCUS
DEFINITION
ACCESSION
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KEYWORDS
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RESULT 173

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ACCESSION VERSION KEYWORDS

SOURCE

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PAT 27-MAR-2003

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TITLE

FEATURES

REFERENCE AUTHORS PAT 08-MAY-2003

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Gaps

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Indels

PAT 05-DEC-1998

linear

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1 (bases 1 to 18)
Hanecak, R.C., Anderson, K.P., Bennett, C. Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
Imbach, J.Louis.
Oligonuclectides having a conserved G4 core sequence
Patent: US 5952490-A 38 14-SEP-1999;
Location/Qualifiers
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                                                                                    Score 14.4; DB 1; Length 17; Pred. No. 1.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                              Unclassified.

1 (bases 1 to 18)
Villeponteau, B., Feng, J., Funk, W. and Andrews, W.H. Assays for the DNA component of human telomerase Patent: US 5776679-A 36 07-JUL-1998;
Location/Qualifiers
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93.8%; Pred. NO. 1...
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/mol_type="unassigned DNA"
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Sequence 36 from patent US 5776679.
AR016068
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Sequence 38 from patent US 5952490.
AR074230 GI:10000985
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/db_xref="taxon:9606"
1. .17
/organism="Homo sapiens"
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/organism="unknown"
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AR016068
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptocis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3022177-A 2319 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
Patent: WO 03040369-A 4786 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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93.8%; Pred. No. 1.3e+02;
ative 0; Mismatches 1;
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AX761465
AX761465.1 GI:32256081
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/mol_type="unassigned DNA"
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                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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1 (Dases 1 to 18)
Hancack,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Hancack,R.C., Anderson,K.P., Sckers,T.A., Wyatt,J.R. and
Imbach,J.Louis.
Oligomoclectides having a conserved G4 core sequence
Patent: US 5952490-A 111 14-SEP-1999;
Location/Qualifiers
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Hancack, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Hancack, J. Louis.

Imbach, J. Louis.
Oligonucleorides having a conserved G4 core sequence
Patent: US 5952490-A 54 14-SEP-1999;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 18)
1 (laponteau, B., Feng, J., Funk, W. and Andrews, W.H. Mammalian telomerase
Patent: US 5958680-A 35 28-SEP-1999;
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Sequence 35 from patent US 5958680.
AR075538 1 GI:10002284
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/organism="unknown"
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                   AR074246 18 bp 1
Sequence 54 from patent US 5952490.
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                                         Query Match 0.7%; Score 14.4; DB 1; Length 18; Best Local Similarity 93.8%; Pred. No. 1.5e+02; Matches 15; Conservative 0; Mismatches 1; Indels
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Villeponteau, B., Feng, J., Funk, W. and Andrews, W.H. Mammallian telomerase
Patent: US 6548298-A 35 15-APR-2003;
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AR306483
AR306483.1 GI:31696322
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Patent: US 5514577-A 57 07-MAY-1996;
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                                                                                                                                                                                                                                                                                            Sequence 57 from patent US 5514577.
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PAT 04-OCT-2003

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AUTHORS REFERENCE

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Burger, M., Field, J.K., Genc, B., Liloglou, T., Lipscher, E., Maier, S. and Nimmrich, I.
                       Imbach,J.L., Brown-Driver,V.L., Vickers,T.A., Ecker,D.J.,
Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Wyatt,J.R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Method and nucleic acids for the analysis of a lung cell proliferative disorder Patent: WO 03052135-A 657 26-UUN-2003; Epigenomics AG (DE)
                                                                                                       oligonucleotides having a conserved g4 core sequence
Patent: EP 101715-A 111 05-UUL-2000;
ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Detection oligonucleotide for LKB1"
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1 (bases 1 to 18)
Villeponteau, B., Feng, J., Funk, W. and Andrews, W.H.
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Patent: JP 2002272489-A 43 24-SBP-2002;
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    .18
    /organism="unidentified"
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    /db_xref="taxon:32644"

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Mammalian telomerase.
BD176184
BD176184.1 GI:29121890
UP 2002272489-A/43.
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JP 2002272489-A/43
24-SEP-2002
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Bennett, C.F., Chiang, M.Y., Anderson, K.P., Hanecak, R.C. and
Wyatt, J.R.
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Oligonucleotides having a conserved 94 core sequence
Patent: EP 1016715-A 54 05-JUL-2000;
FISIS PHARMACEUTICALS INC (US)
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                                                                                                                                                                                                                                                                                                                                                                      Oligonucleotides having a conserved g4 core sequence Patent: EP 1017/15-A 38 05-UJL-2000; ISIS PHARACEUTICALS INC (US) Location/Qualifiers
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/db_xref="taxon:32644"
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/organism="unidentified"
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/db_xref="taxon:32644"
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                       Sequence 38 from Patent EP1016715. AX032552
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Penger, A., Sprenger, R. and Brinkmann, U.
Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099099-A 320 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
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Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 0209909-A 317 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
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ive 1; Mismatches 2; Indels
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       /organism="Homo sapiens"
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/db_xref="taxon:9666"
/note="dyolin Bl ribozyme binding site"
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/db_xref="teaxon:32630"
/note="r=g or a"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 317 from Patent W002099099.
AX643451
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PR 07-JUL-1994 US 08/330123 PR 07-JUL-1995 US 08/482115 PI 07-JUL-1994 US 08/482115 PI 07-JUL-1995 US 08/472802, OT-JUR-1995 US 08/472802, OT-JUR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                 0.7%; Score 14.4; DB 1; Length 18; 93.8%; Pred. No. 1.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                                                                                               ce 1. .18
/organism='Unidentified'
Location/Qualifiers
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IMMUSOL, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA
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Vinayagamoorthy, T.
Multi-loci genomic analysis
Patent: US 6197510-A 10 06-MAR-2001;
Location/Qualifiers
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WO0130362.
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Sequence 10 from patent US 6197510.
AR137501
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                                                                                                                                                                                                                                                                                                               1. .18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 3263 from Patent
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AX132045.1 GI:14138350
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Best Local Similarity 93.8°
Matches 15, Conservative
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TITLE
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AR137501
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1 (bases 1 to 20)
Wright, J.A.
Antitumor antisense sequences directed against R1 and R2 components of ribonucleotide reductase
Patent: US 6593305-A 134 15-JUL-2003;
Location/Qualifiers
                                            PAT 08-SEP-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PAT 17-AUG-2003
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                                                                                                                                                      Unclassified.
1 (bases I to 20)
Wright, J.A. and Young, A.H.
Antitumor antisense sequences directed against ribonucleotide
                                                                                                                                                                                                                                                                                                                                                                       .;
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1 (bases 1 to 20)

Hayden,M.R., Brooks-Wilson,A.R. and Pimstone,S.N.
Process for identifying modulators of ABG1 activity
Patent: US 6617122-A 137 09-SEP-2003;
                                                                                                                                                                                                                                                                                                                                   Query Match 0.7%; Score 14.4; DB 1; Length 2
Best Local Similarity 93.8%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 93.8%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 1;
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Patent: US 5998383-A 134 07-DEC-1999;
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Sequence 134 from patent US 6593305.
AR359541
                                          20 bp DN
Sequence 134 from patent US 5998383.
AR093039
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Sequence 137 from patent US 6617122.
AR3933598
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
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          RESULT 197
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AR359541/c
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TITLE
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FEATURES
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VERSION
KEYWORDS
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TITLE
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i genetic marker; microsatellite; tetranucleotide repeat.

Canis familiaris

Canis familiaris

Canis familiaris

Canis familiaris

Mammalia; familiaris

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

Expendisco, L.V., Langston, A.A., Mellersh, C.S., Neal, C.L. and Ostrander, E.A.

A class of highly polymorphic tetranucleotide repeats for canine genetic mapping

Mamm. Genome 7 (5), 359-362 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0;
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Goudsmit, J. and Beld, M.G.
Goudsmit, J. and Beld, M.G.
ACIDS FROM SAMPLES SUSPECTED TO CONTAIN HCV
Patent: WO 9737040-A 2 09-OCT-1997;
AMSTERDAM SUPPORT DIAGNOSTICS (NL); GOUDSMIT JAAP (NL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                          linear
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                                                                                                         DOG2017P02 20 bp DNA line
Canis familiaris (clone 2017R) DNA, STS primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DNA
                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Canis familiaris"
/mol type="genomic DNA"
/db_xref="taxon:9615"
/clone="2017R"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 2 from Patent WO9737040.
A93564
A93564.1 GI:6741769
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/note="2017R"
/evidence=experimental
                                                                                                                                                                                                                                                                                                                                                                                      Location/Qualifiers
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896 TGCCCCTGGTCATTTTCT 913
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               TGACCCTGGYCACTTTCT 2
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A93564
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VERSION
KEYWORDS
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/mol type="unassigned DNA"
/mol xref="taxon:32630"
/nofe="primer"
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Cell isolation method
Patent: WO 0153525-A 4 26-JUL-2001;
Genpoint AS (NO)
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Sequence 4 from Patent W00153525.
AX202051
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Dual tag binding assay
Patent: US 5910410-A 1 08-UNN-
Location/Qualifiers
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/organism="unknown"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                     Query Match 0.7%; Score 14.4; DB 1; Length 20; Best Local Similarity 93.8%; Pred. No. 2.1e+02; Matches 15; Conservative 0; Mismatches 1; Indels
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/db_xref="taxon:9606"
/note="Cdc25 hs ribozyme binding site"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 3527 from Patent W00130362.
AXX32309
AXI32309.1 GI:14138614
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Sequence 55 from Patent W00138498.
AXI51166.1 GI:14533340
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/organism="Homo sapiens"
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/organism="unknown"
/mol_type="genomic DNA"
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Homo sapiens
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E15988 20-JUL-1999 Oligonucleotide which modulates expression, production or reception of hepatocyte growth factor or expression of c-Met.
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         Score 14.2; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 3;
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84.2%; Pred. No. 2.4e+02;
tive 0; Mismatches 3;
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/organism="unidentified"
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/db_xref="taxon:32644"
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Chen,J., Filvaroff,E., Goddard,A., Gurney,A.L., Li,H. and Wood,W.I.
IL-17 homologous polypeptide and its application to remedy
Patent: JP 2002515246-A 31 28-MAY-2002;
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Method of detecting mutation selected by drug in HIV protease gene Patent: JP 2002518065-A 61 25-JUN-2002;
INNOGENETICS NV
OS Aids-associated retrovirus
PN JP 200258065-A/61
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IL-17 homologous polypeptide and its application to remedy FH
Location/Qualifiers
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Method of detecting mutation selected by drug in HIV protease
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PC CI2N15/09, A61X38/21, A61X45/00, A61P19/00, C07X14/52, C07X16/24,
PC CI2N15/09,
PC CI2N1/19, C12N5/10, C12P21/02, C12P21/08, C12Q1/00 PC
PC A61X37/66, C12N15/00,
PC A61X37/66, C12N5/00
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CC Topology: Linear;
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PD 28-MAY-2002
PP 14-MAY-1999 JP 2000549734
PR 15-MAY-1998 US 60/085579,23-DEC-1998 US 60/113621
JIAN CHEN, ELLEN FILVAROPF, AUDLEY GODDARD, AUSTIN L. GURNEY, P.I.
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/organism="Aids-associated retrovirus"
/mol_type="genomic DNA"
/db_xref="taxon:11966"
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BD232965.1 GI:33042735
JP 2002518065-A/61.
Aids-associated retrovirus
Alds-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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/db_xref="taxon:32644"
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22-JUN-1999 JP 2000556068
24-JUN-1998 RP 98870143.
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E41298.1 GI:18629128
JP 2001046063-A/19.
Synthetic construct
artificial sequences.
Titificial sequences.
Primer for eubacteriua and Rusobacterium varium group
Primer for eubacteriua and Rusobacterium varium group
Primer for eubacterius Sequence
OS Artificial Sequence
PN JP 2001046603-A/19
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Location/Qualifiers
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84.2%; Pred. No. 2.4e+02;
tive 0; Mismatches 3; Indels
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44.2%; Pred. No. 2.4e+02;
ve 0; Mismatches 3; Indels
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 7116 25-MAR-2003;
Location/Qualifiers
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Organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"
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US 6559294.
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AR311851
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AR311851
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     PN JP 1998127286-A/15
PD 19-MAY-1998
PF 01-NOV-1998
PF 1996JP 1996291499
PI ISHIKAWA TETGENYA, SHIGENATSU TAKASHI, YAMAMOTO AKIHIRO PC C12N15/09, AGIK31/70, AGIK31/70, C07H21/04;
CC strandedness: Single;
CC topology: Linear;
CC typothetical: No;
FH Key Location/Qualifiers
FH FY Source 1..20
FT Source /organism='Artificial sequences'.
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SW synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 20)
E 1 (bases 1 to 20)
E 2 Benno, Y. and Kageyama, A.

Primer for eubacteriua and Fusobacterium varium group
L Patent: JP 2001046603-A 38 20-FEB-2001;
YAKUIT BIOSCIENCE KENKYU ZAIDAN, RIKAGAKU KENKYUSHO
OS Artificial Sequence
PN JP 2001046603-A/38
PR 10-AUG-1999 JP 1999226176
PR
PI 10-AUG-1999 JP 1999226176
PR
PI YOSHIKI BENNO, AKIKO KAGEYAMA
PC CI2NIS/09,C1221/68
CC
FF Key
Location/Qualifiers
FT Source
//organism='Artificial Sequence'.
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Primer for eubacteriua and Fusobacterium varium group.
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llarity 84.2%; Pred. No. 2.4e+02;
Conservative 0; Mismatches 3; Indels
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Location/Qualifiers
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/mol_type="genomic DNA"
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/db_xref="taxon:32644"
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JP 2001046063-A/38.
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RESULT 208

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Althaus, H. and Hauser, H.-P.
Human procalcitonin and the preparation and use thereof
Patent: US 6562946-A 4 13-MAX-2003;
Location/Qualifiers
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84.2%; Pred. No. 2.4e+02;
vative 0; Mismatches 3; Indels
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Gatanaga, T. and Granger, G.A.
Tumor necrosis factor receptor releasing enzyme
Patent: US 6593456-A 31 15-UUL-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.7%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 2.4e+02; Matches 16; Conservative 0; Mismatches 3;
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Sequence 75 from patent US 6329203.
AR366713.1 GI:34599305
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Sequence 31 from patent US 6593456.
AR359661
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Sequence 4 from patent US 6562946.
AR317281
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/organism="unknown"
/mol_type="genomic DNA"
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/wol_type="genomic DNA"
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              816 AAGCCTGGAGTGCACGAAG 834
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                                         20 AAGCACGGAGTGCACGCAG 2
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Best Local Similarity 84.2'
Matches 16; Conservative
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AR359661
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AR366713/c
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AR317281/c
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1 (base 1 to 20)
Griffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
Sankaran, B. and Fletcher, L.D.
Chlamydia preumoniae polymucleotides and uses thereof
Patent: US 655929-A 461 06-MAY-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynuclectides and uses thereof
Patent: US 6559294-A 5845 06-MAY-2003;
                                            Peek, J.A.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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Unknown.
Unclassified.
1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymucleotides and uses thereof
Patent: US 6559294-A 2388 06-MAY-2003;
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84.2%; Pred. No. 2.4e+02;
tive 0; Mismatches 3; Indels
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US 6559294.
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Sequence 4651 from patent US 6559294.
AR314114
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Sequence 5845 from patent
AR315308
AR315308.1 GI:31708734
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Best Local Similarity 84.23
Matches 16; Conservative
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Best Local Similarity 84.2
Matches 16; Conservative
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Unclassified.
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AR315308/c
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PAT 02-NOV-2001

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DNA linear PAT 27-AUG-2002 Human procalcitonin and production and utlization thereof. BD016291
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A61P5/22,A61P35/04,C07K14/585,C07K16/26,C12N1/15,C12N1/19, PC
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PD 21-AUG-2001
PF 21-BCC-2000 JP 2000389161
PR 21-DEC-1999 DE 19962434:8,03-APR-2000 DE 10016278:9 PR 08-JUN-2000 DE 10027954:6
PI HARALD ALTHAUS,HANS PETER HAUSER
PC CI2NIS/09,A61K9/08,A61K38/23,A61K39/395,A61K47/28,A61K47/42,
                                                                                                                                                                                                                                                                                          Agrawal, S. and Kandimalla, E.R. Sensitization of cells to cytotoxic agents using oligonucleotides directed to nucleotide excision repair or transcritpion coupled
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PC C12N5/10, C12P21/02, C12P21/08//C07J9/00, C12N15/00, A61K37/30,
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S JP 2001224388-A/4.

unidentified

unidentified

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unidentified

Lases I to 20)

Althaus, H. and Hauser, H. P.

Ruman procalcitonin and production and utlization thereof

I Patent: JP 2001224388-A 4 21-AUG-2001;

DADE BEHRING MARBURG GMBH

OS Unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                 organism="synthetic construct"
/mol type="unassigned DNA"
mol type="taxon:32630"
/nofe="HYB 964 oligonucleotide"
                                                                                                                                                                                                                                                                                                                                               repair genes
Patent: WO 0174346-A 4 11-OCT-2001;
HYBRIDON, INC. (US)
Location/Qualifiers
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Sequence 4 from Patent WO0174346.
AX282881.1 GI:16609857
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            1057 GCCCCAAACCCAAGCTTCA 1075
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AX282881/c
LOCUS
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VERSION
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Bennett,C.F. and Wyatt,J.
Antisense modulation of glioma-associated oncogene-1 expression
Patent: US 6329203-A 75 11-DEC-2001;
Location/Qualifiers
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/organism="Aids-associated retrovirus"
/mol type="unassigned DNA"
/db_xref="taxon:11966"
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/db_xref="taxon:32644"
/note="Primer, nicht genomische DNA"
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Patent: EP 1111050-A 4 27-JUN-2001;
Dade Behring Marburg GmbH (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent: WO 9967428-A 61 29-DEC-1999;
INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
                                                                                                                                     Score 14.2; DB 1;
Pred. No. 2.4e+02;
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Viruses; Retroid viruses; Retroviridae.
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0.7%; Score 14.2; D
Best Local Similarity 84.2%; Pred. No. 2.4e
Matches 16; Conservative 0; Mismatches
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Sequence 61 from Patent WO9967428.
AX007519
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/organism="unidentified"
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                                                                                    /organism="unknown"
/wol_type="genomic DNA"
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AX007519/c
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AX133347/c
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RESULT 221 AX728961/c

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1 (Dases 1 to 17)

1 (Dases 1 to 17)

Beigelman.L., Burgin,A.B., Beaudry,A., Karpeisky,A., Matulio-Adamic,J., Sweedler,D. and Zinnen,S. Oligoribonucleotides with enzymatic activity Patent: Usc 6617438-A 676 695 SEP-2003;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                         Length 17;
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Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 677 04-MAR-2003;
Location/Qualifiers
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0.6%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 2;
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88.2%; Pred. No. 1.8e+02;
rative 0; Mismatches 2;
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Akhtar,S., Fell,P. and McSwiggen,J.A.
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Sequence 676 from patent US 6617438.
AR398295
                                                                                     AR286305
Sequence 677 from patent US 6528640.
AR286305
AR286305.1 GI:29723901
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/mol_type="unassigned RNA"
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                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
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 18 GCCAGGAGAACAG 5
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Unclassified.
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Best Local Similarity
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AR401721/c
LOCUS
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ACCESSION
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AR286305/c
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FEATURES
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AUTHORS
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VERSION
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                      Length
                                                                   Query Match 0.7%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3;
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unidentified
unclasslied.
1 (bases 1 to 18)
Stuyver,L., Rossau,R. and Maertens,G.
MerHOD FOR TYPING AND DETECTING HBV
Parent: WO 9740193-A 276 30-OCT-1997;
INNOGENETICS NV (BE)
                                                                                                                                                                                                                                                                       DNA
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Molecular Engines Laboratories (FR)
Location/Qualifiers
1..17
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                                                                                                                                                                                                                                                               Sequence 595 from Patent W003025175. AX728961
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Sequence 276 from Patent WO9740193.
A67109
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                                                                                                                                           1057 GCCCCAAACCCAAGCTTCA 1075
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KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS JOURNAL

DEFINITION

A67109/c LOCUS

ACCESSION VERSION

RESULT 222

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PAT 08-MAY-2003

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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Score 13.8; DB 1; Length 17; Pred. No. 1.8e+02; 0; Mismatches 2; Indels
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0.6%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 369 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                                                                                  AX728735 17 bp DN Sequence 369 from Patent WO03025175.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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                                                                             752 GCACCTGCCATGCAGGT 768
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AX728735.1 GI:30508078
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Best Local Similarity 88.2%;
Matches 15; Conservative
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ACCESSION
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AX729101/c
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AX728735/c
LOCUS
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KEYWORDS
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  Enzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors
Patent: US 6623962-A 61 23-SEP-2003;
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
patent: WO 0159103-A 3541 16-AUG-2001;
RIBOZYME PARRACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0188124-A 2010 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                 Query Match 0.6%; Score 13.8; DB 1; Length 17; Best Local Similarity 88.2%; Pred. No. 1.8e+02; Matches 15; Conservative 0; Mismatches 2; Indels
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Sequence 3541 from Patent W00159103.
AX218099
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synthetic construct
artificial sequences.
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SOURCE
ORGANISM
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AX423674/c
LOCUS
                                                                                              source
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AX218099/c
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ACCESSION
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DECENSES 17 bp RNA linear PAT 17-JUL-2003 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
                                C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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                                                                                                   Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Key Location/Qualifiers
                                                                                                                                                                                                'organism='Homo sapiens (human)'.
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                      1. .17
/organism="Homo sapiens"
                                                                                                                                                                                                                                                                       /mol_type="genomic_RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                 Location/Qualifiers
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JP 2002509721-A/6359.
Homo sapiens (human)
Homo sapiens
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JAMES A MCSWIGGEN
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E 1 (bases 1 to 17)

E pavo, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

E patent: JP 2002509721-A 646 02-APR-2002;

E RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/6346

PD 02-APR-2002

PR 24-MRA-1999 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COBSHOTT,
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JP 2002509721-A/6346
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                 BD067221
Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors.
                                                                                                                                                                                                                                  1 (bases 1 to 17)
Akhtar,S., Fell,P. and Mcswiggen,J.A.
Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors
Patent: JP 2001511003-A 61 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC,ASTON UNIV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Topology: Linear;
Enzymatic nucleic acid treatment of diseases or conditions
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0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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PD J-2001511003-A/61
PD 07-2001511003-A/61
PF 14-JAN-1998 JP 1998532913
PF 31-JAN-1997 US 60/036476,04-DEC-1997 US 60/036476,04-DEC-1997 US C12N9/00,C07K14/71
CC Strandedness: Single;
CC Strandedness: Single;
CC TOPOLOGY: Linear;
CC TOPOLOGY: Linear;
CC Enzymatic nucleic acid treatment of diseases or
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/db xref="taxon:32644"
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JP 2001511003-A/61.
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BD067221/c
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Artificial Sequence
JP 2001321190-A/1005
20-NOV-2001
12-MAN-2001 JP 2001068285
BIICHI SOBDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Brower,A., Brow,M.A., Cracauer,R.F., Fors,L., Granske,R., de arruda
Indig,M., Kurensky,D., Luedtke,C., Lukowiak,A.A., Lyamichev,V.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PAT 14-FEB-2003
                                                                                                                                                                                                                                                                                                                                                   PAT 27-AUG-2002
                                   1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="oligonucleotide Zinc finger nuclotides of SEQID1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A method of arraying genome clone
Patent: JP 2001321190-A 1005 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Description of Artificial Sequence:Synthetic DNA FH Location/Qualifiers
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Location/Qualifiers
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llarity 88.2%; Pred. No. 2.1e+02;
Conservative 0; Mismatches 2;
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A method of arraying genome clone.
BD088761
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/db_xref="taxon:32630"
               Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AX598449.1 GI:28398625
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                                                                                                                                                                                                                                                                                                                                                                                                            BD088761.1 GI:22634371 JP 2001321190-A/1005.
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authors
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BD088761
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Criginal source text: Canis familiaris (library: E. Ostrander, in pBluescript+) adult spleen DNA.
Submitted by:
Fred Hutchinson Cancer Research Center
Transplantation Biology Dept
1124 Columbia; Mailstop M316
Seattle, WA 98104, USA
e-mail: EAOstrander@bll.gov
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)
PCR Pofile: Denaturation: 94 degrees C for 1.00 minute
Annealing: 55 or 59 degrees C for 0.45 minutes
Polymerization: 74 degrees C for 1.00 minutes
PCR Cycles: 33
PCR Cycles: 34 degrees C for 5.00 minutes.
Final Extension: 74 degrees C for 5.00 minutes.
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                                                                                                                                  MAM 05-MAR-1996
                                                                                                                                                                                                                                          Canis familiaris (dog)
Canis familiaris (dog)
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Carnivora, Fissipedia, Canidae, Canis.
I (bases 1 to 18)
Ostrandar, E.A., Mapa, F.A., Yee, M. and Rine, J.
One hundred and one new simple sequence repeat-based markers for He canine genome
Mamm. Genome 6 (3), 192-195 (1995)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Yen, F., Erickson, M.R., Fruebis, J. and Bihain, B.
Methods of screening for compounds that modulate the lsr-leptin
interaction and their use in the prevention and treatment of
obesity-related diseases
Patent: WO 0121647-A 54 29-MAR-2001;
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/dev.stage="adult"
/tissue_lib="Bookrander, in pBluescript+"
complement(11.18)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.6%; Score 13.8; DB 1; Length 18; 88.2%; Pred. No. 2.1e+02; tive 0; Mismatches 2; Indels
                                                                                                                                35302 18 bp DNA linear (Clone: CXX.353) primer for STS 353, 3' end.
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Location/Qualifiers
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    18 /organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"

                                                                                                                                                                                 L24241.1 GI:401904
PCR identification; PCR primer; STS.
2 of 2
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                                                                                                                           Regulation of repressor genes using nucleic acid molecules FH Location/Qualifiers
                                    C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
                                                                     (C12P21/02,C12R1:91), (C12P21/02,C12R1:91),C12N15/00,C12N5/00,
A61K37/02,
(C12N5/00,C12R1:91)
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0155103-A 1806 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Location/Qualifiers
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/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Neri,B.P., Reimer,N.D., Roeven,R.T., Skrzypczynski,Z., Ziarno,W.A., Comerford,J., Stump,S. and Viegut,D.D. Systems and method for detection assay production and sale Patent: WO 0244994-A 723 06-JUN-2002; THIRD WAVE TECHNOLOGIES, INC. (US)
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PN JP 2002541795-A/7177
PD 10-DEC-2002
PF 11-APR-1999 US 60/129390
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLAIT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC C12N15/09, A617838/00, A617488/00, A617843/00, A61783/10, PC
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Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 7177 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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Regulation of repressor genes using nucleic acid molecules
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0.6%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Ammonia-oxidizing bacteria
Patent: WO 0190312-A 10 29-NOV-2001;
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/db_xref="taxon:32630"
/note="Primer"
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Location/Qualifiers
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JP 2002541795-A/7177.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1505 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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93.3%; Pred. No. 2.2e+02;
ative 0; Mismatches 1;
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0.6%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1;
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Patent: EP 1262488-A 203 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

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Matches 14; Conservative
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Best Local Similarity 93.33
Matches 14; Conservative
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO OLIGONUCLA 560 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 559 04-0CT-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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             RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US) McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers
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Patent: WO 0159103-A 2377 16-AUG-2001;
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Sequence 559 from Patent WO0173002.
AX263168
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/organism="Homo sapiens"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata; Buteleostomi;
Mammalia; Butheria, Primates; Catarrhini; Hominidae; Homo.
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                           Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1;
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Patent: WO 03025175-A 5604 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX733970
AX733970.1 GI:30513313
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                                                                                                                                               Patent: WO 03025175-A 3162 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX733970/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Sequence 3162 from Patent W003025175.
AX731528
                                             DNA
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                        Gu,Y. and Nguyen,C.T.
Human lccl-domain containing protein
Patent: EP 1262488-A 206 04-DEC-2002;
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                                  Sequence 206 from Patent BP1262488. AX615399
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/db_xref="taxon:9606"
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Location/Qualifiers
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AX728711.1 GI:30508054
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                Ouery Match 0.6%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 2.2e+02; Matches 14; Conservative 0; Mismatches 1;
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unidentified.
1 (bases 1 to 18)
Stuyver,L., Rossau,R. and Maertens,G.
Stuyver, RyPING AND DETECTING HBV
Patent: WO 9740193-A 272 30-OCT-1997;
                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 18)
Stuyver, L., Rossau, R. and Maertens, G.
METHOD FOR TYPING AND DETECTING HBV
PATENT: WO 9740193-A 270 30-OCT-1997;
INNOGENETICS NV (BE)
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/db_xref="taxon:32644"
                                                                                                                                                                                                                      Sequence 270 from Patent WO9740193.
A67103
A67103.1 GI:4538474
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/db_xref="taxon:32644"
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Sequence 272 from Patent WO9740193.
A67105
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/organism="unidentified"
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A67103/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
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                                                                                                                                   0.6%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 2.2e+02; tive 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Patent: WO 03025177-A 2667 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence G182 from Patent W003040369.
AX762861
AX762861.1 GI:32257477
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Sequence 6158 from Patent W003040369,
AX762837
AX762837.1 GI:32257453
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX762861/c
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BD231469-A/18.
Synthetic construct
Synthetic construct
artificial sequences.

I (bases 1 to 18)
Bennett, F.C., Ackermann, E.A. and Cowsert, L.M.
Antisense modulation of expression of cellular inhibitor of Ratent: JP 2002531469-A 18 24-SEP-2002;
Artificial Sequence
NN JP 2002331469-A/18
PD 24-SEP-2002
PP 16-JUN-1999 JP 2000585447
PR 03-DEC-1998 US 09/205204
PR 03-DEC-1998 US 09/205204
PR AGLWASHOO, AGLP31/7115, AGLX31/7125, AGLP29/00 PC
AGLP37/00, AGLP37/02, AGLP43/00, C12N15/09, C12N15/00
CC Synthetic Location/Qualifiers
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Antisense modulation of expression of cellular inhibitor of
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilbrium map of the human genome
Patent: US 637751-A 5085 25-MAR-2003;
Location/Qualifiers
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Location/Qualifiers
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                                                                                             Length 18;
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0.6%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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US 6537751.
    1. .18
/organism="unknown"
/mol_type="unassigned DNA"
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AR293350.1 GI:31680634
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Best Local Similarity 93.33
Matches 14; Conservative
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AR293350
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TITLE
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BD234294
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Bennett, C.Frank., Ackermann, E.J. and Cowsert, L.M.
Antisense inhibition of cellular inhibitor of apoptosis-1
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                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.6%; Score 13.4; DB 1; Length 18; Best Local Similarity 93.3%; Pred. No. 2.7e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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Epping, B. and Leiser, M.
METHOD FOR IDENTIFYING MICRO-ORGANISMS
Patent: WO 9922023-A 36 06-MAY-1999;
MIRA DIAGNOSTICA GARH (DE); EPPING BERND (DE)
Location/Qualifiers
                                                                                           unidentified
unidentified
unidentified
unclassified.
1 (bases 1 to 18)
Stuyver,L., Rossau,R. and Maertens,G. METHOD FOR TYPING AND DETECTING HBV Patent: WO 9740193-A 273 30-OCT-1997; INNOGENETICS NV (BE)
Location/Qualifiers
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Location/Qualifiers
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/db_xref="taxon:32644"

    .18
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/db_xref="taxon:32644"

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Sequence 18 from patent US 5958772.
  Sequence 273 from Patent WO9740193.
A67106
A67106.1 GI:4538477
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Sequence 36 from Patent W09922023.
A96958
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ARO76351.1 GI:10003097
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Unclassified.

E 1 (bases 1 to 19)
RS Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Location/Qualifiers
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                          I (Dases I to 19)
Lee, L.G., Graham, R.J., Mullah, K.B. and Haxo, F.T.
Non-filuorescent asymmetric cyanine dye compounds useful for
quenching reporter 19-FEB-2002;
Patent: Location/Qualifiers
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tive 0; Mismatches 1;
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/organism="unknown"
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Sequence 9 from patent US 6348596.
AR194765 GI:20241357
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Patent: WO 03072821-A 926 04-SEP-2003;

Epigenomics AG (DE)
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Patent: EP 1340818-A 926 03-SEP-2003;

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/organism=synthetic bNA"
/mol_type="unassigned bNA"
/mol_xref="taxon:32630"
/note="Detection oligonucleotide for GTBP/MSH6"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1. 18 | Arganism="synthetic construct" | Arganism="synthetic construct" | Amol type="unassigned DNA" | Ab xref="taxon:32630" | Arganism="Detection oligonucleotide for GTBP/MSH6" | Arganism="Detection oligonucleotide for GTBP/MSH6" | Arganism="Taxon:32630" | Arganism="Tax
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                                                                                       Ouery Match 0.6%; Score 13.4; DB 1; Length 18; Best Local Similarity 93.3%; Pred. No. 2.7e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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Sequence 926 from Patent EP1340818.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases I to 18)

10 Ostrander, E.A., Sprague, G.F.Jr. and Rine, J.D.

11 Identification and characterization of dinucleotide repeat (CA)n markers for genetic mapping in dog

12 Genomics (1993) In press

13 Genomics (1993) In press

14 Capital source text: Canis familiaris (library: E. Ostrander, in SpBluescript+) adult spleen DNA.

15 Submitted by: Human Genome Center,

16 Cyclotron Road, Berkeley, CA 94720, USA

17 Cyclotron Road, Berkeley, CA 94720, USA

18 Capital: EAOstrander@lbl.gov

19 PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)

10 PCR Puffer: Denaturation: 94 degrees C for 1.00 minutes

10 PCR Puffer: PCR buffer (Perkin-Elmer/Cetus)

11 PCR Puffer: PCR buffer (Perkin-Elmer/Cetus)

12 PCR Puffer: PCR buffer (Perkin-Elmer/Cetus)

13 Agrees C for 0.00 minutes

14 Degrees C for 1.00 minutes

15 PCR PUFFER PU
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/tissue_lib="E. Ostrander, in pBluescript+"
complement(1. .18)
                                                                     Length 19;
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Dog (Clone: CXX.110) primer for STS 110, 3' end.
L15693
                                                                  0.6%; Score 13.4; DB 1;
ilarity 93.3%; Pred. No. 3.1e+02;
Conservative 0; Mismatches 1;
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Pred. No. 3e+02;
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0.6%; Score 13.2; Di
Best Local Similarity 83.3%; Pred. No. 3e+0:
Matches 15; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                            L15693.1 GI:290100
PCR identification; PCR primer; STS.
2 of 2
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AR073051
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/db_xref="taxon:9615"
/db_xref="taxon:32630"
/note="oligonucleotide"
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Baker, B.F. and Cowsert, L.M.
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Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099999-A 243 12-DEC-2002;
Epidauros Biotechnologia AG (DE)
Location/Qualifiers
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                                           Penger, A., Sprenger, R. and Brinkmann, U.
Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099099-A 240 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Location/Qualifiers
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artificial sequences.
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PAT 28-AUG-2000

PAT 17-0CT-2001

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FEATURES

TITLE JOURNAL

RESULT 268 AR119309 LOCUS

à g ORGANISM

KEYWORDS SOURCE

JOURNAL

FEATURES

AUTHORS REFERENCE

TITLE

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Synthetic construct

synthetic construct

artificial sequences.

I (bases 1 to 18)

Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.

Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides for gene modulation

IL Patent: JP 2002511276-A 26 16-APR-2002;

ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PN 4P 2002511276-A/26
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: C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC
C12N15/00
                                                                                                                                                                                     1 (bases 1 to 18)
Keating,M.T., Sanguinetti,M.C. and Splawski,I.
Mutations in the KCNE1 gene encoding human minK which cause
arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene
Patent: uS 6274332-A 74 14-AUG-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PF 13-APR-1999 JP 2000543647
PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 P
LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BD250472 linear PAT 17-JI Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides for gene
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0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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1. .18

    .18
        "Organism="synthetic construct" /mol_type="genomic DNA" /mol_type="genomic DNA" /db_xref="taxon:32630"

                                     AR164763 18 bp Sequence 74 from patent US 6274332.
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/organism="unknown"
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AR164763.1 GI:16237927
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                                                                                                                                                                     Unclassified.
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Un (bases it.)
Un (bases it.)
Splawski, I. and Keating, M.T.
Homozygous mutation in KVLQT1 which causes Jervell and Lange
Nielsen syndrome
Patent: US 6150104-A 72 21-NOV-2000;
Location/Qualifiers
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0; Mismatches 3; Indels
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Bennett, C.Frank. and Cowsert, L.M.
Antisense modulation of CD40 expression
Patent: US 6197584-A 26 06-MAR-2001;
Location/Qualifiers
   Antisense inhibition of Elk-1 expression
Patent: US 5948680-A 24 07-SEP-1999;
Location/Qualifiers
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                                                                                                                                    Query Match 0.6%; Score 13.2; DB 1
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches
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/organism="unknown"
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                                                                                               /mol_type="unassigned DNA"
                                                                             /organism="unknown"
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Matches 15; Conservative
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PAT 17-JUL-2003

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DB 1; Length 18;

PAT 26-SEP-2002

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Unclassified.

1 (bases 1 to 18)

Keating,M.T., Sanguinetti,M.C. and Splawski,I.

Whitations in the KCNE1 gene encoding human mink which cause arrhythmia susceptibility thereby establishing KCNE1 as an LQT gene Patent: US 6432644-A 74 13.AUG-2002;

Location/Qualifiers
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Keating, M.T., Sanguinetti, M.C., Curran, M.E., Landes, G.M.,
Connors, T.D., Burn, T.C. and Splawski, I.
KVLQTI--a long QT syndrome gene
Patent: US 6451534-A 74 17-SEP-2002;
Location/Qualifiers
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Pred. No. 3e+02;
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Pred. No. 3e+02;
0; Mismatches
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Sequence 74 from patent US 6432644.
AR223142.
AR223142. GI:23330995
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AR229904.1 GI:27269782
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/organism="unknown"
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/wol_type="genomic DNA"
                                                   /mol_type="genomic DNA"
Location/Qualifiers
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BD250664.1 GI:33060434

JP 2002121276-4/218.

synthetic construct

synthetic construct

artificial sequences.

1 (Dases 1 to 18)

Cowsert, L.M., Baker, B.F., Mcneil, J., Freier, S.M., Sasmor, H.M.,

Broks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.

Identification of genetic targets for modulation by

oligomicleotides and generation of oligomucleotides for gene
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ISIS PHARMACEUTICALS INC
OS Artificial Sequence
RN JP 2002511276-A/218
PD 16-APR-2002
PF 13-APR-1999 JP 2000543647
PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PP
IEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
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Keating, M.T., Sanguinetti, M.C., Curran, M.E., Landes, G.M., Connors, T.D., Burn, T.C. and Splawski, I.
KVLQ71-a long qt syndrome gene
Patent: US 6420124-A 74 16-JUL-2002;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xrefe"taxon:32630"
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AR218727.
AR218727.1 GI:23319622
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PAT 20-DEC-2002

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1 (bases 1 to 18)
Keating, M.T., Sanguinetti, M.C., Curran, M.E., Landes, G.M., Connors, T.D., Burn, T.C. and Splawski, I.
Diagnostic method for KVLQT1--a long QT syndrome gene Patent: US 6582913-A 74 24-JUN-2003;
                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 18)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 4877 25-MAR-2003;
Location/Qualifiers
                                             Query Match 0.6%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 3e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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83.3%; Pred. No. 3e+02;
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Sequence 4877 from patent US 6537751.
AR293142
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity 83.3
Matches 15; Conservative
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KEYWORDS
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TITLE
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Mutations in the KCNEI gene encoding human mink which cause
arrhythmia susceptibility thereby establishing KCNEI as an LQT gene
Patent: US 6323026-A 74 27-NOV-2001;
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                    PAT 20-DEC-2002
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Cohen, D., Chumakov, I. and Blumenfeld, M.

Biallelic markers for use in constructing a high density
disequilibrium map of the human genome

Patent: US 6537751-A 4110 25-MAR-2003;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                             Length 18;
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Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches
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AR292375
                                                                                                                            Unclassified.

1 (bases 1 to 18)
Fresco,J.R. and Johnson,M.D.
Friplex in-situ hybridization
Patent: US 6461810-A 29 08-OCT-2002;
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                  AR235530 18 bp 3
Seguence 29 from patent US 6461810.
AR235530
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Sequence 74 from patent US 6323026.
AR262160
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/organism="unknown"
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/wol_type="genomic DNA"
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AR292375/c
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AR262160
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                    LOCUS
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Gaps

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Indels

PAT 17-AUG-2003

linear

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Gaps

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Indels

PAT 18-DEC-2003

linear

Gaps

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PAT 17-JUL-2003

SOURCE

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GOIN33/53,GOIN33/53,GOIN33/566,GOIN33/577,GOIN33/58,GOIN33/68,
CI2N15/00,
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                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

(Loases I to 18)

Keating, M.T., Sanguinetti, M.C., Karan, M.E., Landes, G.M.,

Connors, T.D., Burn, T.C. and Splawski, T.

KVLQT1-QT extension syndrome

Patent: UP 200221045-A 72 16-JUL-2002;

DNIVESITY OF VITAH RESEARCH FOUNDATION, GENZYME CORP

OS Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PI TIMOTHY D CONNORS, TIMOTHY C BURN, IGOR SPLAMSKI PC C12N15/09, A01K67/027, C07K14/46, C07K14/47, C07K16/18, C12N1/15, PC
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PR 29-JUL-1998 US 60/094477,17-AUG-1998 US 09/135010
MARK T KEATING,MICHAEL C SANGUINETTI,MARK E KARAN,GREGGRY M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism='Homo sapiens (human)'
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                                                                               Score 13.2; DB 1; Length 18;
Pred. No. 3e+02;
0; Mismatches 3; Indels
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Key Location/Qualifiers
/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="-"
                                                                                                                                                                                                                                                                                        DNA

    .18
    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

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BD222874
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JP 2002521045-A/72
16-JUL-2002
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Homo sapiens
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BD222874
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             vider, B.Z.
A method for identifying and characterizing cells and tissues Patent: WO 9934016-A 251 08-JUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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                                                                                   Unknown.
Unclassified.
I (bases 1 to 18)
Ohtomo, T., Tsuchiya, M., Koishihara, Y. and Kosaka, M.
Ghacon, T., Tsuchiya, M., Koishihara, Y. and promoter thereof
Patent: US 6613546-A 31 02-SEP-2003;
Location/Qualifiers
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mol_type="unassigned DNA"
db_xref="taxon:9606"
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Sequence 251 from Patent WO9934016.
AX020751
   Sequence 31 from patent US 6613546.
AR391990
AR391990.1 GI:40115763
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Matches 15; Conservative
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AX343697/c
     DEFINITION
ACCESSION
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ACCESSION
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AX020751
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36 GGAGCCTCAGTCCAGAGA 53
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                                                     AX526640.1 GI:25171447
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synthetic construct
artificial sequences.
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AR132192/c
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AR132191/c
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AX526640/c
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01-MAY-1998 US 09/01433
C FRANK BENNETT, LEX M COWSERT
C12N15/09,AG1K9/10,AG1K45/00,AG1K48/00,AG1P1/00,AG1P11/06, PC
                                                                                                                                                                                                                            A61P29/00,A61P35/00,A61P37/02,A61P37/06,A61P43/00,C12P19/34,
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THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
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Topology: Linear;
Antisense modulation of CD40 expression
Location/Qualifiers
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/mol type="unassigned DNA"
/db xref="taxon:3263"
/noTe="Synthetic Primer"
                                       1 (bases 1 to 18)
Bennett, C.F. and Cowsert, L.M.
Antisense modulation of CD40 expression
Patent: JP 2002513593-A 26 14-MAY-2002;
ISIS PHARMACEUTICALS INC
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Sequence 355 from Patent WO0220848.
AX477264
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                             Unidentified
JP 2002513593-A/26
14-MAY-2002
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Conservative
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A61P17/06,
PC A61P29/
PC C12N1
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CC ToF
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Matches 15; Conserv
             unidentified
unclassified.
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AX477264/c
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RESULT 287

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      PAT 21-NOV-2002
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Lusis,A.J., Ohmen,J., Ross,D., Tafuri,S. and Wu,C.
Gene and sequence variation associated with lipid disorder
Patent: WO 0220847-A 355 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
Location/Qualifiers
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        linear
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(Cases 1 to 15)
Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 616 27-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 15)
Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 617 27-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.6%; Score 13; DB 1; Le
100.0%; Pred. No. 1.9e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                           1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/mol_type="taxon:32630"
/nofe="Synthetic Primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 617 from patent US 6194150.
AR132192
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21 bp 1
Sequence 355 from Patent W00220847.
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AUTHORS
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FEATURES

AR132193/c DEFINITION ACCESSION VERSION KEYWORDS

RESULT 290

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PAT 07-SEP-2001

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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2378 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
                                                                                                         Unclassified.

1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb targeted ribozymes
Patent: US 5646042-A 1020 08-JUL-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.6%; Score 13; DB 1; Length 17; 100.0%; Pred. No. 2.8e+02; tive 0; Mismatches 0; Indel8
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0.6%; Score 13; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db xref="texon:32630"
/noTe="Nucleic Acid"
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Human lccl-domain containing protein
Patent: EP 1262488-A 207 04-DEC-2002;
Sequence 1020 from patent US 5646042.
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Sequence 2378 from Patent WO0159103.
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AX615400
AX615400.1 G1:28446446
                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
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Matches 13; Conserv
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                                                                   Unknown.
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AX615400
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1020 06-OCT-1998;
Location/Qualifiers
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Unclassified.
3 1 (bases 1 to 15)
S Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
AL Patent: US 6194150-A 618 27-FEB-2001;
Location/Qualifiers
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US 5817796.
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6194150.
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                                               /mol_type="unassigned DNA"
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AR132193
AR132193.1 GI:14121098
Location/Qualifiers
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/organism="unknown"
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AR046227.1 GI:5967692
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17 bp DNA linear SYN 21-MAY-2003 forward primer for human STS sts-D1S253 at
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                                                                                                                                                                                                                                                                                                                                                                                     Artificial Sequence
JP 2001321190-A/2079
20-NOV-2001
12-NOV-2001
BIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
                                                                                                                                                                                                                                                                                                                   A method of arraying genome clone
Patent: JP 2001321190-A 2079 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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100.0%; Pred. No. 2.8e+02;
tive 0; Mismatches 0; Indels
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/organism="Eynthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Mismatches
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BD089835
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Genomics 74 (1), 55-70 (2001)
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AB068116.1 GI:15128920
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JP 2001321190-A/2079.
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Horii, A.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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100.0%; Pred. No. 2.8e+02;
ive 0; Mismatches 0; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: EP 1262488-A 208 04-DEC-2002;
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Sequence 208 from Patent EP1262488.
AX615401
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/organism="Homo sapiens"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Location/Qualifiers
               Location/Qualifiers
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Sequence 3263 from Patent
AX759942
AX759942.1 GI:32254558
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 Inc. (US)
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Masucci,M.G.
Glycine-containing sequences conferring invisibility to the immune
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                             Query Match

0.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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ilarity 76.2%; Pred. No. 7.2e+02;
Conservative 0; Mismatches 5; Indels
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IMMUND-EVADING PROTEINS
PATENT: WO 9632483.A 2 17-OCT-1996;
MASUCCI MALA GRAZIA (SE)
Other publication AU 5284296 961030.
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Patent: US 5833991-A 4 10-NOV-1998;
Location/Qualifiers
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Sequence 2 from Patent W09632483.
   /note="Synthetic Primer"
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A57510.1 GI:3713368
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Best Local Similarity 76.2'
Matches 16; Conservative
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AR035160/c
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Cold-adapted equine influenza viruses
Patent: WO 0160849-A 79 23-AUG-2001;
UNIV. OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
(US)
                                                                                                         /organism="synthetic construct"
/mol type="genomic DNA"
/db_trate="taxon:32630"
1. 17
/note="forward primer for human STS sts-D18253 at 1p36
sts-D18253 obtained from clones B71M19, B51B4, Human BAC
library RPCI-11"
Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
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00.0%; Pred. No. 2.8e+02;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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Dowling, P.W. and Youngner, J.S.
Cold-adapted equine influenza viruses
Patent: US 6482414-A 73 19-NOV-2002;
Location/Qualifiers
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Sequence 73 from patent US 6482414.
AR254681.
AR254681.1 GI:27303702
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/wol_type="genomic DNA"
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1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S.
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Patent: US 5837542-A 1970 17-NOV-1998;
Location/Qualifiers
1. .17
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Patent: US 5837542-A 1725 17-NOV-1998;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
       /organism="unknown"
/mol_type="unassigned DNA"
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
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Unclassified.
1 (bases I to 16)
1 (bases I to 16)
Brzezinski,R., Dery,C.V. and Beaulieu,C.
Thermostable xylanase DNA, protein and methods of use
Patent: US 5871730-A 20 16-FBB-1999;
Location/Qualifiers
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Patent: US 5837542-A 1699 17-NOV-1998;
Location/Qualifiers
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87.5%; Pred. No. 2.6e+02;
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US 5837542.
Sequence 20 from patent US 5871730. AR035160.1 GI:5951828
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 6 from patent US 5700920.
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Sequence 1699 from patent
AR057495
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Best Local Similarity 87.5'
Matches 14; Conservative
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Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)

Patent: US 6132967-A 1970 17-OCT-2000;

Location/Qualifiers
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Reshaped human antibody to human interleukin-8
Patent: US 6245894-A 79 12-JUN-2001;
Location/Qualifiers
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                                                                             Query Match 0.6%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 3.1e+02; Matches 14; Conservative 0; Mismatches 2;
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/organism="unknown"
/wol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
Location/Qualifiers
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                                                                                                                                                               Polynucleotides which encode reshaped IL-8-specific antibodies and methods to produce the same Patent: US 5994524-A 79 30-NOV-1999; Location/Qualifiers
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Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1725 17-OCT-2000;
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                                                                                                                1 (bases 1 to 17) Matsumoto, Y., Yamada, Y., Sato, K., Tsuchiya, M. and
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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AR115253
AR115253.1 GI:14095575
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AR115279.1 GI:14095601
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/mol_type="unassigned DNA"
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 Sequence 79 from patent US 5994524.
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AR091870.1 GI:10018624
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346389-A 5983 12-FEB-2002;
Location/Qualifiers
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/organism='Artificial Sequence'.
Location/Qualifiers
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1 (bases 1 to 17)

Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Syntheic ribonucleic acids with RNAse activity Patent: US 6528640-A 678 04-MAR-2003;
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Pred. No. 3.1e+02;
0; Mismatches 2;
                                                 Location/Qualifiers

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/organism="synthetic construct"

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US 6346398.
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Sequence 678 from patent US 6528640.
AR286306
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/mol_type="unassigned RNA"
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              C12N9/00, C12N15/00, A61K37/02
                                                                                                                                                        /mol_type="genomic DNA"
/db_xref="taxon:32630"
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AR190495
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Tissue-specific and pathogen-specific toxic agents and ribozymes.
BD272764
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                           BD254125 17-JUL-2003 PNA linear PAT 17-JUL-2003 Regulation of repressor genes using nucleic acid molecules.
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Regulation Location/Qualifiers
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oc (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
oc A61K37/02,
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1 (bases 1 to 17)
Norris,J., Clawson,G., Westwater,C., Schoffield,D., Schmidt,M.,
Hoel,B., Dolan,J. and Pan,W.H.
Tissue-specific toxic agents and ribozymes
Patent: JP 2002541822.A 13 10-DEC-2002;
WUSC FOUNDATION FOR RESEARCH DEVELOPMENT, THE PENN STATE RESEACH
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PP 10-DEC-2002
PP 14-APR-2000 JP 2000611726
PR 14-APR-1999 US 09/291902,13-APR-2000 US 09/548449 PI
AAMSAN ONSKIS, GARY CLIAMSON, CAROLINE WESTWARFR, DAVID SCHOFIELD, PI
MICHAEL SCHALDT, BRIAN HOEL, JOSEPH DOLAN, WEI HUA PAN PC
C12N15/09, A61K35/74, A61K35/76, A61K38/00, A61K48/00, A61P31/04, PC
                                                                                                                                                                                                                                                                                                         PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61R38/00, A61R48/00, A61P43/00, A61P43/00, C12N5/10, PC C12P21/02,
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                                                                                                                                                                                           Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J. Regulation of repressor genes using mucleic acid molecules Patent: JP 2002541795-A 1918 10-DEC-2002; RIBOZYME PHARMACEUTICALS INC
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Location/Qualifiers
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Pred. No. 3.1e+02;
n. Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002541795-A/1918
10-DEC-2002
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BD254125.1 GI:33063895
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PAT 18-DEC-2003
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              1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656612-A 6592 20-MAY-2003;
Location/Qualifiers
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Oligoribonucleotides with enzymatic activity Patent: US 6617438-A 680 09-SEP-2003;
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87.5%; Pred. No. 3.1e+02;
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Best Local Similarity 87.5%; Pred. No. 3.1e+02;
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Sequence 677 from patent US 6617438.
AR398296
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Sequence 680 from patent US 6617438.
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/organism="unknown"
/mol_type="unassigned RNA"
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/mol_type="unassigned RNA"
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Unknown.
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Unclassified.
1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pavco,P., McSwiggen, the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 2820 20-MAY-2003;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                 Unclassified.

July (bases 1 to 17)

Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,

Matulic-Adamic,J., Sweedler,D. and Zinnen,S.

Synthetic ribonucleic acids with RNAse activity

Patent: US 6528640-A 681 04-MAR-2003;

Location/Qualifiers
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Sequence 2820 from patent US 6566127.
AR325418
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US 6566127.
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Sequence 681 from patent US 6528640.
AR286309
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TITLE

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AUTHORS

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LOCUS DEFINITION ACCESSION VERSION KEYWORDS

RESULT 317 AR286309/c

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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 2567 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
                                                                                                               Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
stranded oligonucleotides
Patent: WO 017300-A 2566 04-OCT-2001;
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0.6%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 2570 from Patent W00173002.
AX265179
                                                                                                                                                                                                                                                     organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db xref="taxon:9606"
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Homo sapiens
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                  Homo sapiens (human)
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AX265179/c
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Unclassified.
I (bases 1 to 17)
Akhtar,S., Fell,P. and McSwiggen,J.A.
Enzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors
Patent: US 6623962-A 262 23-SEP-2003;
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 2379 16-AUG-2001;
RIBOOYME PHARMACKUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="teaxon:32630"
/noTe="Nucleic Acid"
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Sequence 2566 from Patent WO0173002.
AX265175.1 GI:16513974
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Seguence 2379 from Patent W00159103.
AX216937
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US 6623962.
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/mol_type="genomic DNA"
                                                                                                                                  AR401922
Sequence 262 from patent
AR401922
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CAGAACACCGTGTGCA 754
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artificial sequences.
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AX265175/c
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AX216937/c
LOCUS
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1654 22-NOV-2001;
RIBOZYME PHARMACETICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002A. 2575.04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
                           Gaps
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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   Best Local Similarity 87.5%; Pred. No. 3.1e+02; Matches 14; Conservative 0; Mismatches 2;
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1 Similarity 87.5%; Pred. No. 3.10+02;
14; Conservative 0; Mismatches 2;
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Seguence 2575 from Patent WO0173002.
AX265184
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity
Matches 14; Conserv
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AX423318
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single stranded oligomucleotides
Patent: WO 0173002.A 2571 04-0CT-2001,
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
Stranded oligonuclectides
Satemit: Wo 0173002-A 2574 04-OCT-2001,
UNIVERSITY OF DELAWARE (US)
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87.5%; Pred. No. 3.1e+02;
tive 0; Mismatches 2;
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AX265180
Patent: WO 0173002-A 2570 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Sequence 2574 from Patent WO0173002.
AX265183
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Best Local Similarity 87.53
Matches 14; Conservative
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AX499948/C
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                PAT 18-JUN-2002
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124.A 1935 22-NoV-2001,
RIBOZYME PHARMACSUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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0.6%; Score 12.8; DB 1; Length 1
Best Local Similarity 87.5%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Patent: BP 1229046-A 910 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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87.5%; Pred. No. 3.1e+02;
ative 0; Mismatches 2;
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         Sequence 1935 from Patent WO0188124..
AX423599
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Sequence 911 from Patent EP1229046.
AX499604
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AX499603/c
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: BP 1229046-A 1254 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1255 from Patent EP1229046.
Zhan,J.
Human testis expressed patched like p
Patent: BP 1229046-A 911 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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87.5%; Pred. No. 3.1e+02;
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87.5%; Pred. No. 3.1e+02;
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Patent: EP 1229046-A 4341 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1229046-A 4342 07-AUG-2002;
Aeomica, Inc. (US)
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Sequence 4341 from Patent EF1229046.
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EP1229046.
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"

    .17
    /organism="Homo sapiens"

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AX503035
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                                                      727 TGCCAGGAGAAACAGA 742
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Homo sapiens
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Matches 14; Conservative
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Matches 14; Conservative
                           14; Conservative
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            Best Local Similarity
Matches 14; Conserv
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Query Match
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AX503034/c
LOCUS
DEFINITION
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ACCESSION
VERSION
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LOCUS
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VERSION
KEYWORDS
SOURCE
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JOURNAL
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Woolf, \mathbf{T}. Method and reagent for inhibiting the expression of disease related
     PAT 21-FEB-2003
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweeller,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
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Pred. No. 3.1e+02;
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AX634787
       RNA
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Patent: BP 1260586-A 1729 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 1678 from Patent EP1260586. AX634539
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0.6%; Score 12.8; D
Best Local Similarity 87.5%; Pred. No. 3.1e
Matches 14; Conservative 0; Mismatches
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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                                                                      AX634539.1 GI:28470153
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                            Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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Patent: BP 1273660-A 52 08-JAN-2003;
Aeomica, Inc. (US)
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                            /organism="unidentified"
/mol_type="unassigned RNA"
/db xref="taxon:32644"
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AX648213
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AX648212.1 GI:29151030
  AX634787.1 GI:28470401
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AX648213
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AX648212
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AUTHORS
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                                                                                              REFERENCE
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Gu,Y.

Human sodium-hydrogen exchanger like protein 1
Patent: BP 1273660-A 53 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 2;
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Aeomica, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                          Sequence 602 from Patent EP1281758. AX687870
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Sequence 603 from Patent EP1281758.
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Location/Qualifiers
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Best Local S:
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O.6%; Score 12.8; DB 1;
Local Similarity 87.5%; Pred. No. 3.1e+02;
les 14; Conservative 0; Mismatches 2;
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AX723716
AX723716.1 GI:30503059
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Aeomica, Inc. (US)
Location/Qualifiers
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                                   AX693368 17 bp DN
Sequence 6100 from Patent EP1281758.
AX693368
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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AX723716
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.6%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 3.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
Query Match 0.6%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 3.1e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 5330 from Patent EP1281758.
AX692598
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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AX692598/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="Homo sapiens"
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AX761190.1 GI:32255806
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AX761190/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                       Patent: WO 03025176-A 1403 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AUTHORS
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AX732082
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PAT 25-JUN-2003
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Best Local Similarity 87.5%; Pred. No. 3.1e+02;
Matches 14; Conservative 0; Mismatches 2;
thereof as medicaments
Patent: WO 0302177-A 144 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. 17
Organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Patent: WO 03040369-A 4511 15-WAY-2003;
Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="taxon:9606"
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Bukaryotta, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria; Primates; Catarrhini, Hominidae, Homo.

1 (bases 1 to 17)

2 Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

8 Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response

1 Patent: JP 2002509721-A 625 02-APR-2002;

8 No D 2-APR-2002

9 P 24-MAR-1999 JP 2000541291

PR 27-MAR-1999 UF 2000541291

PR 27-MAR-1999 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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                                                                                                                                                                                                                                                                               /organism='Artificial Sequence'.
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                                                                                                                                                                                        SHOGO MORIYA, MICHIO NISHIDA
C12Q1/68,C12M1/00,C12N1S/09,G01N33/53
Description of Artificial Sequence:capture
Key
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participating in vasculogenic response
Key
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                        Artificial Sequence
WO 0192572-A/1056
06-DEC-2001
01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
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JP 2002509721-A/625.
Homo sapiens (human)
Homo sapiens
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PN WO 019
PD 01-UUN
PI HIDETC
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PI SHOGO
PC C1201/
CC Descript
FH Key
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                                                                                                                                                                                                                                               BD067422 17 bp RNA linear PAT 27-AUG-2002 Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.
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Akhtar, S. Pell, P. and Mcswiggen, J.A.

Brywatic nucleic acid treament of diseases or conditions related to levels of epidermal growth factor receptors

Patent: JP 2001511003-A 262 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

OS Unidentified

PN JP 2001511003-A/262

PD 07-AUG-2001

PF 14-JAN-1998 JP 1998532913

PF 14-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI
SAGHIR AKHARR, PATRICIA FELL, JAMES A MCSWIGGEN PC
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synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 17)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
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                                         0.6%; Score 12.8; DB 1; Length 17; larity 87.5%; Pred. No. 3.1e+02; Conservative 0; Mismatches 2; Indels
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Enzymatic nucleic acid treatment of diseases
related to
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BD104952.
GI:22650526
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Patent: WO 0192572-A 1056 06-DEC-2001;
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/organism="unidentified"
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       /db_xref="taxon:9606"
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CC Strandedness: Single,
CC Topology: Linear;
CC Enzymatic nucleic acid
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
                                                                                                                                                                                                                        24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 697 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
                                                                                                                                       ON Homo supplies (human)

PN JP 2002509721-A/697

PD 22-APR-1999 JP 2000541291

PR 27-MAR-1999 US 60/079679

PI JAMELA A PAVCO, BLISABETH ROBERTS, THALE JARVIS, CLAIRE COESHO

PI JAMES A MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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87.5%; Pred. No. 3.1e+02;
tive 0; Mismatches 2;
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ilarity 87.5%; Pred. No. 3.7e+02;
Conservative 0; Mismatches 2;
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Sequence 2243 from patent AR047450
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCC, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
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1 (bases 1 to 17)

Pavco,Pa.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Parent: JP 2002509721-A 696 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)

PN JP 2002509721-A/696
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Location/Qualifiers
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                0.6%; Score 12.8; DB 1; Length 17;
87.5%; Pred. No. 3.1e+02;
ative 0; Mismatches 2; Indels
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participating in vasculogenic response
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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JP 2002509721-A/696.
Homo sapiens (human)
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Homo sapiens (human)
Homo sapiens
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DECASES 1 GI:33044324

BD234554.1 GI:33044324

S JP 2002531102-A/36.

Synthetic construct

Synthetic construct

artificial sequences.

I (bases 1 to 18)

SS Bennett, F.C., Ackermann, E.J. and Cowsert, L.M.

Antisense modulation of expression of cellular inhibitor of Attisense modulation.

ALS PRIARMACEUTICALS INC

OS Artificial Sequence

PN JP 2002531102-A/36

PD 24-SEP-2002

PR 23-SEP-1999 JP 2000585449

PR 03-SEP-1999 US 09/205144

PI FRANK C BENNETT, ELIZABETH J ACKERMANN, LEX M COWSERT PC

CLIN15/09, AGIK31/7115, AGIK31/7125, AGIK31/7125, AGIK31/7123, AGIK48/ PC
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Harris, J.M., and You, Q.
Identification of a DNA region potentially useful for the detection of mycobacterium kansasi.
Patent: US 6291176-A 9 18-SEP-2001;
Location/Qualifiers
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1. .18
/organism='Artificial Sequence'
Location/Qualifiers
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    .18
        /organism="synthetic construct"
        /mol type="genomic DRM"
        /db_xref="taxon:32630"

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/mol_type="unassigned DNA"
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                                                                                                              Sequence 9 from patent US 6291176.
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743 ACACCGTGTGCACCTG 758
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                              17 ACACCATCTGCACCTG 2
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Bennett, C.Frank., Ackermann, B.J. and Cowsert, L.M.
Bennett, C.Frank., Ackermann, B.J. and Cowsert, L.M.
Bratisense modulation of cellular inhibitor of Apoptosis-2
expression
Patent: US 558771-A 36 28-SEP-1999;
Location/Qualifiers
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                                                                                                                                                                                                                             Query Match 0.6%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 3.7e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unclassified.
1 (bases 1 to 18)
Cowsert, L.M.
Antisense modulation of G-alpha-13 expression
Patent: US 5981732-A 47 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          M Unclassified.
Unclassified.

(S Bennett, C.Prank. and Cowsert, L.M.
Antisense modulation of CD40 expression
(AL Patent: US 6197584-A 35 06-MAR-2001;
Location/Qualifiers

Location/Qualifiers
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/organism="unknown"
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/organism="unknown"
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synthetic construct
switchetic construct
artificial sequences.

1 (bases 1 to 18)
1 (bases 1 to 18)
2 James,M.H. and Kimin,Y.
1 Identification of DNA region potentially efficacious in detecting Mycobacterium kansail.

Mycobacterium kansail.

Artificial Sequence
No Artificial Sequence
No Artificial Sequence
No JP 199915589-A/9
PP 15-JUN-1999
PP 22-SEP-1998 JP 1998267503
PR 25-SEP-1997 US 08/937580
PR 25-SEP-1997 US 08/937580
PR 25-SEP-1997 US 08/937580
PC C12N15/09,C12Q1/04,C12Q1/68/(C12Q1/04,C12R1:32),C12N15/00 CC
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C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC
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JP 199915589-A/9
15-JUN-1999
15-SEP-1999 JP 1998267503
25-SEP-1997 US 08/937580
JAMES M HARRIS,KIMIN YOU
Cl2N15/09,C12Q1/04,C12Q1/68//(C12Q1/04,C12R1:32),C12N15/00 CC
                                                                                                                                                                                                DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H
modulation
Patent: JP 2002511276-A 186 16-APR-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
N JP 2002511276-A/186
PD 16-APR-2099
PP 13-APR-1999 JP 2000543647
PR 13-APR-1999 US 60/081483, 28-APR-1998 US 09/067638 PI
IEX M COWSERT, BRENDA F BAKER, JOHN MCNBIL, SUSAN M FRZIER, HENRI P M SASWOR,
PI DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H
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    18
/organism='Artificial Sequence'

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ilarity 87.5%; Pred. No. 3.7e+02;
Conservative 0; Mismatches 2;
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E33346/c
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artificial sequences.

(bases 1 to 18)

Cowsert, L. M., Baker, B.F., Moneil, J., Freier, S.M., Sasmor, H.M.,
Brooks, D.G., Ohasi, C., Wyatt, J.T., Bonders, A.H. and Vikkars, T.A.
Identification of generic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
                                                                                                                                                                                                                        BD250481.1 GI:33060251
JP 2002511276-A/35.
synthetic construct
artificial sequences.

1 (bases 1 to 18)
Cowsert, L.M., Baker, B.F., Mcneil, J., Freier, S.M., Sasmor, H.M.,
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
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ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002511276-A/35
PD 16-APR-2002
PP 13-APR-1999 JP 2000543647
PR 13-APR-1998 US 60/084483,28-APR-1998 US 09/067638 PJ
IEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
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    .18
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

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BD250632.1 GI:33060402
JP 2002511276-A/186.
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VERSION
KEYWORDS
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ORGANISM
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1 (bases 1 to 18)
Cohen, D., Chumakov I. and Blumenfeld, M.
Biallellic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 4256 25-MAR-2003;
Location/Qualiflers
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                                                                                                      Query Match 0.6%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 3.7e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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O.6%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9785 from patent US 6537751.
              Patent: US 6335165-A 9 01-JAN-2002,
Location/Qualifiers
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/organism="unknown"
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/organism="unknown"
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Best Local Similarity 87.5%;
Matches 14; Conservative
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AR292521/c
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AR298050/c
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Navot,N. and Lederkremer,M.
Methods and kits for characterizing GC-rich nucleic acid sequences
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Regan,J.W., Gil.D.W. and Woodward,D.F.
Nucleic acid encoding a novel human EP prostaglandin receptor Patent: 8.5716835.A 8 10-FEB-1998,
Location/Qualifiers
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb targeted ribozymes
Patent: US 5646042-A 2243 08-JUL-1997;
Location/Qualifiers
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Sequence 2243 from patent US 5646042.
154502
154502.1 GI:2475705
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                                                                                                                                                                                                                                                                                                                        /mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 8 from patent US 5716835.
188015
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AR181326
AR181326.1 GI:20223540
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16 CATCTCCATCTCCACC
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AR181326/c
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            Patent: WO 0183769-A 7 08-NOV-2001;
THE SALK INSTITUTE BIOTECHNOLOGY INDUSTRIAL ASSOCIATES, INC.
Location/Qualifiers
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/organism="Escherichia coli"
/mol type="unassigned DNA"
/db_xref="taxon:562"
/note="CDP-WE synthase antisense oligo"
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Pred. No. 3.7e+02;
0; Mismatches 2;
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// Organism="synthetic construct"
// Mol type="unassigned DNA"
// db_xref="taxon:32630"
// note="Detection oligonucleotide
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Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="reaxon:32630"
/note="oligonucleotide"
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Vermicon AG (DE)
Location/Qualifiers
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AX659409.1 GI:29161639
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Sequence 242 from Patent WO03014388.
AX705573
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Matches 14; Conserv
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AX659409/c
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Crystallization of 4-diphosphocytidyl-2-c-methylerythritol synthase
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Escherichia coli
Bacteria, Proteobacteria, Gammaproteobacteria, Enterobacteriales,
Enterobacteriaceae, Escherichia.
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                                                                                                         JM Unknown.

Unclassified.

E 1 (bases 1 to 18)

R Regan, J.W. (all, D.W. and Woodward, D.F.

Nucleic acid encoding a human EP prostaglandin receptor

AL Patent: US 6395878-A 8 28 MAY-2002;

Location/Qualifiers
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Patent: WO 0056923-A 110 28-SEP-2000;
SIBSON ROSS (GB); CLATTERBRIDGE CANCER RES TRUST (GB)
                                                                                                                                                                                                                                                                                       Length 18;
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Pred. No. 3.7e+02;
0; Mismatches 2;
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/ Organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="PCR primer"
                                    DNA
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                             AR372109 18 bp
Sequence 8 from patent US 6395878.
AR372109
AR372109.1 GI:34609391
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Sequence 110 from Patent WO0056923.
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Sequence 7 from Patent WC0183769.
AX356334
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Best Local Similarity 87.5%;
Matches 14; Conservative 0
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RESULT 373
AR372109/c
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AUTHORS TITLE

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Burger,M., Field,J.K., Genc,B., Liloglou,T., Lipscher,E., Maier,S.
and Nimmrich,I
and nuclea caids for the analysis of a lung cell
proliferative disorder
Patent: WO 03522135-A 826 26-JUN-2003;
                                                                                                                                    Burger, M., Field, J.K., Genc, B., Liloglou, T., Lipscher, E., Maier, S. and Nimmrich, I.
Method and nucleic acids for the analysis of a lung cell
proliferative disorder
Paroliferative disorder
Patent: WO 03052135-A 656 26-JUN-2003;
Epigenomics AG (DB)
Location/Qualifiers
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0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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/note="Detection oligonucleotide for PLAU"
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/note="Detection oligonucleotide for LKB1"
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Sequence 826 from Patent WO03052135.
Sequence 656 from Patent W003052135.
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AX796313.1 GI:37516979
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AX822737/c
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Method and nucleic acids for the analysis of colon cancer
Patent: WO 03014388-A 244 20-FEB-2003;
Epigenomics AG (DE)
Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Detection oligonucleotide for pl6"
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     Pred. No. 3.7e+02;
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Sequence 244 from Patent WO03014388.
AX705575
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     Best Local Similarity
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AX705575
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PAT 02-AUG-2002

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synthetic construct
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artificial sequences.

I (bases 1 to 18)
S Todo, N., Okuyama, H., Imamura, M., Ishikawa, H. and Nemoto, K.
Method of screening of protein.
D Patent: WO 0114892—A.10 01-MAR-2001;
SUMITOMO PHARMACEUTICALS CO LTD, NAOKI TODO, HAJIME OKUYAMA, OTOAKI
IMAMURA, HIRONORI ISHIKAWA, KIYOMITSU NEMOTO
OS Artificial Sequence
PN WO 0114852—A/10
PD 01-MAR-2001
PP 17-AUG-2000 WO 2000JP005488
PR 20-AUG-1999 JP 99P 234764
PI NAOKI TODO, HAJIME OKUYAMA, MOTOAKI IMAMURA, HIRONORI ISHIKAWA,
PI KIYOMITSU NEMOTO
PC C1201/0.2 G01N33/50, C07K14/47, A61K38/17, C12NS/10, C12P21/02// PC
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C12Q1/02,01N33/50,C07K14/47,A61K38/17,C12N5/10,C12P21/02// PC
(C12P21/02,C12R1:91)
3'primer of PCR for midkine gene
Key Location/Qualifiers.
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                                                                                                                 /noTe="Description of Artificial Sequence: an artificially synthesized primer se q"
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BD061276. dG:22606882
BD061276:1-A/93.
Medicago sativa
Medicago sativa
Nedicago sativa
Spermatophyta; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Trifolieae;
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 Research Association for Biotechnology (JP) Location/Qualifiers
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llarity 87.5%; Pred. No. 3.7e+02;
Conservative 0; Mismatches 2;
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ilarity 87.5%; Pred. No. 3.7e+02;
Conservative 0; Mismatches 2;
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Location/Qualifiers.
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    /organism="synthetic construct"
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                                                                                                                                                                                                                                                                                                                                                                                        DNA
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                                                                                                                                                                                                                                                                                                                                                                                  Method of screening of protein. BD012687
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WO 0114582-A/10.
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Patent: WO 03072821-A 629 04-SEP-2003;

Epigenomics AG (DE)

Location/Qualifiers
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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               Adorjan, P., Burger, M., Maier, S., Nimmrich, I., Becker, E., Lesche, R., Rujan, T. and Schmitt, A. Method and nucleic acids for the analysis of a colon cell
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide
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                                                                                                                                                                                                                                                                0.6%; Score 12.8; DB 1;
87.5%; Pred. No. 3.7e+02;
cive 0; Mismatches 2;
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/organism="synthetic construct"
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Patent: EP 1347046-A 5258 24-SEP-2003;
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Patent: EP 1340818-A 629 03-SEP-2003;
Epigenomics AG (DE)
Location/Qualifiers
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Sequence 629 from Patent W003072821.
AX826377
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EP1347046.
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Sequence 5258 from Patent
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1 (bases 1 to 24)

Masucci, M.G.

Glycine-containing sequences conferring invisibility to the immune
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                                                                                                                                                                                                                                                                                                                                                       Masucci, M.G.
IMMUNE-EVADING PROTEINS
PATENT: WO 9624813 A 4 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other Publication AU 5284296 961030.
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/organism="unknown"
/mol__type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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5833991.
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Sequence 4 from Patent W09632483.
A57512
A57512.1 GI:3713370
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Sequence 7 from patent US
AR052978
AR052978.1 GI:5977840
      743 ACACCGTGTGCACCTG 758
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A89146.1 GI:6737716
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A61P27/06,

C1220/06,A61P35/00,A61P37/02,A61P37/06,A61P43/00,C12P19/34,

PC C1220/68,

C12N15/06

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1 (bases 1 to 18)
Reiter,R.S.
A method to identify and breed corn with increased kernel oil
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Location/Qualifiers
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Patent: JP 2001517951-A 93 09-OCT-2001;
PI DU POUT DE NEMOURS & CO
PN JP 2001517951-A/93
PD 09-OCT-2001
PR 19-MAR-1997 US 60/041515
PI ROBERT STEFAN REITER
PC C1201/68 TEFAN REITER
CC Strandedness: Single;
CC Topology: Linear;
FH Key
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/organism="Medicago sativa"
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/db_xref="taxon:3879"

    .18
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon;32644"

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BD226576/c
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1 (bases 1 to 15)
Uhler, M. and Lundeberg, J.
THE USE OF MODULAR OLIGONUCLECTIDES AS PROBES OR PRIMERS IN NUCLEIC
ACID BASED ASSAY
PATENT: WO 9813522-A 29 02-APR-1998;
DZIEGLEWSKA HANNA EVA (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PAT 29-SEP-1999
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Method and reagent for inhibiting hepatitis C virus replication Patent: US 5865253-A 14 09-FBB-1999;
Location/Qualifiers
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Location/Qualifiers
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                                                                                                                                                 Length 14;
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92.9%; Pred. No. 2.1e+02;
ative 0; Mismatches 1;
                                            /organism='Unknown'
Location/Qualifiers
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AR033248.1 GI:5948853
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                               15 bp
Sequence 29 from Patent W09813522.
A70975
                                                                          1. .14
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local Similarity 92.93
Matches 13; Conservative
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Best Local Similarity 92.99
Matches 13; Conservative
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AR033248/c
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Unclassified.
1 (bases 1 to 14)
Fournier-Lasserve, E., Joutel, A., Bousser, M.-G. and Bach, J.-F.
Gene involved in cadasil, method of diagnosis and therapeutic application
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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Schlingensiepen, K.H. and Brysch, W.
An antisense Oligonucleotide preparation method
Patent: JP 2011511000-A 1294 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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                                                                                                                                                                                                 Length 14;
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07-AUG-2001
30-JAN-1998 JP 1998532533
30-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEDEN, WOLFGANG BRXSCH
C12N15/11, C07H21/04, A61K31/70
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unidentified
unclassified.

1 (Joses I to 14)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD PATENT: W 0 9833904-A 1294 06-AUG-1998;
BloGNOSTHY GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
                                                                                                                                                                                               0.6%; Score 12.4; DB 1;
92.9%; Pred. No. 2.1e+02;
tive 0; Mismatches 1;
                                                                                                                        1. .14
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent: US 6537775-A 20 25-MAR-2003;
                                                                                                                                                                                                                                                                                                                                                               AR300218 14 bp 1 Sequence 20 from patent US 6537775. AR300218.1 GI:31687637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unknown"
/mol_type="genomic DNA"
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PAT 20-APR-2002

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Draper.K.G.
Enzymatic RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 14 11-MAR-1997;
Location/Qualifiers
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Adams, C.W., Carter, P.J., Fendly, B.M. and Gurney, A.L.
Agonist antibodies
Patent: W6 5342220-A 42 29-JAN-2002;
Location/Qualifiers
                                                                                                                    0.6%; Score 12.4; DB 1; Length 15; 92.9%; Pred. No. 2.7e+02; tive 0; Mismatches 1; Indels
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32.9%; Pred. No. 2.7e+02;
lve 0; Mismatches 1;
                                                                                                                                                                                                                                                                            Sequence 42 from patent US 6342220. AR183495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="unassigned DNA"
                                                                                       /mol_type="unassigned DNA"
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Sequence 1 from patent US 6447998.
AR227992
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity 92.99
Matches 13; Conservative
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Matches 13; Conservative
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AR183495/c
   AUTHORS
TITLE,
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                                                                                                      PAT 16-MAY-2001
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                                                                                                                                                                                    Universal to 15)
Unclassified.
Unclassified.
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Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication Patent: US 6122966-A 14 17-0CT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 15)
Lin,K.-Y. and Matteucci,M.
Lin,K.-Y. and Matteucci,M.
Non-nucleoside linkers for convenient attachment of labels to
oligonucleotides using standard synthetic methods
Patent: US 5414077-A 4 09-MAY-1995;
Location/Qualifiers
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I57477
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                                                                                                   Sequence 14 from patent US 6132966.
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Sequence 4 from Patent US 5414077.
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      1200 ACCACCCTATCAGG 1213
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Il1799.1 GI:909743
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Best Local Similarity 92.99
Matches 13; Conservative
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Unclassified.
1 (bases 1 to 15)
                             15 AGCACCCTATCAGG
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Unclassified.
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Length 15;

· 0 PAT 20-DEC-2002 Unclassified.

1 (bases 1 to 15)

1 (bases 1 to 15)

Prochler, B.C., Gutierrez, A.J. and Matteucci, M.D.

2-Aminopyridine and 2-pyridone C-nucleosides, oligonucleotides comprising, and tests using the same oligonucleotides patent: US 6447998-A 1 10-SEP-2002;

Location/Qualifiers Gaps ; 0 Length 15; 1; Indels 0.6%; Score 12.4; DB 1; 92.9%; Pred. No. 2.7e+02; ative 0; Mismatches 1; ·.

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GENENTECH INC
OS HOMO Sapiens (human)
BN JP 200151399-A/22
DD 11-SEP-2001
PR 21-AUG-1998 JP 2000507802
PR 25-AUG-1997 UP 80919148
PI CAMELLIA W ADAMS, PAUL J CARTER, BRIAN M FENDLY, AUSTIN L GURNEY
PC CILNIS/09, A61K31/711, A61K39/395, A61P7/00, A61P7/04, A61P7/06, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Enzywatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.
                                                                                                                                                                                                                                                                                                     Agonist antibodies against thrombopoietin receptor and therapeutic BD080968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     C07K16/28, C07K17/00, C07K19/00, C12N5/10, C12P21/08, C12N15/00, PC
                     /organism="synthetic construct"
/organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/db with increased expression in SAGE libraries KS3
and KS4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Adams, C.W., Carter, P.J., Fendly, B.M. and Gurney, A.L. Agonist antibodies against thrombopoietin receptor and therapeutic
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 15)
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                                                                                                                                     ch 0.6%; Score 12.4; DB 1; 1 Similarity 92.9%; Pred. No. 2.7e+02; 13; Conservative 0; Mismatches 1;
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Patent: JP 2001513999-A 22 11-SEP-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
Location/Qualifiers
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JP 2001513999-A/22.
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                                                       PAT 10-APR-2003
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                                                                                                                                                                                        1 (bases 1 to 15)
Froehler, B.C., Gutierrez, A.J. and Matteucci, M.D.
Oligonuclectides including 2-aminopyridine and 2-pyridone
C-nucleoside units
Patent: US 6495672-A 1 17-DEC-2002;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                            Query Match 0.6%; Score 12.4; DB 1; Length 15; Best Local Similarity 92.9%; Pred. No. 2.7e+02; Matches 13; Conservative 0; Mismatches 1; Indels
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Lin,K.-Y. and Matteucci,M.
Anthraquinone-derivatives oligonucleotides
Patent: US 5214136-A 12 25-MAY-1993;
Location/Qualifiers
                                                       DNA
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                                                     AR267395 15 bp 15 bp 25 expense 1 from patent US 6495672. AR267395 GI:29697424
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/organism="unknown"
/wol_type="genomic DNA"
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/organism="unknown"
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AR363440.1 GI:34425017
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Unclassified.
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Matches 13; Conserv
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AX721640
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AR267395/c
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                                                                                                                                                                                                                                                                                                                   Blatt,L., Mcswiggen,J. and Chowrira,B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2379 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.
1 (bases 1 to 17)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G. and
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Method for evaluating oligonucleotide probe sequences
Patent: 18 625,588-A 40 26-JUN-2001;
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/nofe="Nucleic Acid"
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                                                                                            Sequence 2379 from Patent W00159103. AX216937
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Sequence 40 from patent US 6251588.
AR158418
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/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                      AX216937.1 GI:15526998
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Matches 13; Conservative
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               unidentified
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E 1 (bases 1 to 15)

Blatt,L., Mcswiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.

Blatt,L., Mcswiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.

Blatt,L., Mcswiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.

Razymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection

R Pacent: JP 2002512791-A 571 08-MAY-2002;

RNBOZYMAXEUTCHAS.INC
OS Hepatitis virus (hepatitis C virus)

PD 08-MAX-2002

PF 26-APR-1999 JP 2000545991

PR 27-APR-1999 US 60/083217,18-SEP-1998 US 60/100842 PR 27-APR-1999 US 09/257608,23-MAR-1999 US 09/257608,23-MAR-1999 US PR 25-FEB-1999 US 09/257608,23-MAR-1999 US PR 25-FEB-1999 US 09/257608,23-MAR-1999 US PR 25-FEB-1999 US 09/257608,23-MAR-1999 US 09/257608,23-MAR-1999 US 09/257608,23-MAR-1999 US 09/257608,23-MAR-1999 US 09/257608,23-MAR-1999 US 09/257658, PR 25-FEB-1999 US 09/257608, PR 25
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C12N15/00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.
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/organism='Hepatitis virus (hepatitis C

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Brca-1 regulators and methods of use
Patent: WO 0170982-A 131 27-SEP-2001;
Immusol Incorporated (US) ; Beger, Carmela (DE)
Location/Qualifiers
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(Organism="synthetic construct"
(mol_type="unassigned DNA"
(db_xref="taxon:32630"
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Sequence 131 from Patent W00170982.
AX255710

    .15
    /organism="unidentified"

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/db_xref="taxon:32644"
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               1 (bases 1 to 17)
Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G. and Kincaid, R.H.
Method for evaluating oligomucleotide probe sequences Patent: US 6251588-A 41 26-UNN-2001;
Location/Qualifiers
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Shamon,K.W., Wolber,P.K., Delenstarr,G.C., Webb,P.G.,
Kincaid,R.H.
Michod for evaluating oligonucleotide probe sequences
Patent: US 6251588-A 43 26-UUN-2001;
Location/Qualifiers
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Shannon, K.W., Wolber, P.K., Delenstarr, G.C., Webb, P.G.
Kincaid, R.H.
Method for evaluating oligonucleotide probe sequences
Patent: US 6251588-A 42 26-JUN-2001;
Location/Qualifiers
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Sequence 43 from patent US 6251588.
AR158421 AR158421.1 GI:16220458
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10N Regulation of repressor genes using nucleic acid molecules.

No BD254151.1

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TE (bases 1 to 17)

REGULATION PAYCO, P. and Mcswiggen, J.

REGULATION PAYCO, J.

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(CLZNS/00,CL2RL:91)
Regulation of repressor genes using nucleic acid molecules FH
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C12R1:91),
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Location/Qualifiers
Sequence 4 from patent US 6303847. ARI73370
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C12P21/02,C12P21/02//A61X31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Rathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1757 12-FEB-2002;
Location/Qualifiers
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JP 2002541795-A/7178.
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US 6346398.
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/db_xref="taxon:32644"
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Bathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7987 12-FEB-2002;
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I (bases 1 to 17)

Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J. Nucleic acid encoding delta-9 desaturase

Patent: US 6350934-A 222 26-FEB-2002;

Location/Qualifiers
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  Length 17;
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llarity 92.9%; Pred. No. 3.9e+02;
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clive 0; Mismatches 1;
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/mol_type="unassigned DNA"
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Unclasses 1 to 17)

Pavco, P., McSwigen, J. A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3770 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                         Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 302 20-MAY-2003;
Location/Qualifiers
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92.9%; Pred. No. 3.9e+02;
iive 0; Mismatches 1;
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Sequence 3770 from patent US 6566127.
AR326368
AR326368.1 GI:33712176
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DEFINITION Sequence 6349 from patent US 6566127.
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/organism="unknown"
/mol_type="unassigned RNA"
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      /mol_type="genomic DNA"
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 401 04-MAR-2003;

Location/Qualifiers
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1 (Dasss 1 to 17)

Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,

Matulio-Adamic,J., Sweedler,D. and Zinnen,S.

Synthetic ribonucleic acids with RNAse activity

Patent: US 6528649-A 839 04-MAR-2003,
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Toso as a target for drug screening
Patent: US 655514-A 35 29-APR-2003,
Location/Qualifiers
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Sequence 401 from patent US 6528640.
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/wol_type="unassigned RNA"
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/organism="unknown"
/wol_type="unassigned RNA"
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Sequence 35 from patent US 6555314.
AR308332.1 GI:31699764
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                                              AR286029.1 GI:29723625
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                                                                                                                                                                                                                                                             Unknown.
Unclassified.
Unclassified.
I (bases)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
related to Section Qualifiers
Location Qualifiers
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Pred. No. 3.9e+02;
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Pred. No. 3.9e+02;
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Sequence 838 from patent US 6617438.
AR398457
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Sequence 6352 from patent US 6566127.
AR328950.
AR328950.1 GI:33714758
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AR398019
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/mol_type="unassigned RNA"
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Best Local Similarity 92.94
Matches 13, Conservative
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1 (bases 1 to 17)

2 (bases 1 to 17)

4 (bases 1 to 17)

8 (bases 1 to 17)

9 (bases 1 to 17)

9 (bases 1 to 17)

9 (bases 2 to conditions of the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 6350 20-MAY-2003;

Location/Qualifiers
                                                                                    1 (bases I to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127.A 6349 20-MAY-2003;
Location/Qualifiers
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6351 20-MAY-2003;
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                                                                                                                                                                                                        /mol_type="unassigned RNA"
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/wol_type="unassigned RNA"
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Patent: WO 0159103-A 748 16-AUG-2001;
RIBOZYME PHRAMACHUTICALE, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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illarity 92.9%; Pred. No. 3.9e+02;
Conservative 0; Mismatches 1;
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Best Local Similarity 92.9%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 1;
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/nofe="Nucleic Acid"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="unassigned RNA"
/mol_txref="taxon:32630"
/note="Nucleic Acid"
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Sequence 748 from Patent WO0159103.
AX215306
AX215306.1 GI:15525349
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Sequence 749 from Patent WO0159103.
AX215307
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Akhtar, S., Fell, P. and McSwiggen, J.A.
Brzymatic nucleic acid treatment of diseases of conditions related
to levels of epidermal growth factor receptors
Patent: US 6623962-A 60 23-SEP-2003;
Location/Qualifiers
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Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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                                                                                            Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Oligoribonucleotides with enzymatic activity Patent: US 6617438-A 838 09-SEP-2003;
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/db_xref="taxon:10407"
                                                                                                                                                                                 1. .17
/organism="unknown"
/mol_type="unassigned RNA"
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Sequence 60 from patent US 6623962.
AR401720 GI:40149170
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/mol_type="genomic DNA"
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 GI:40136287
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RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
                                                                                                                       Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and
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Patent: WO 0159103-A 2089 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US) MCSWiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/nofe="Nucleic Acid"
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Seguence 2630 from Patent WO0159103.
AX217188
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Sequence 2631 from Patent WC0159103.
AX217189
 AX216647
AX216647.1 GI:15526708
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AX217189/c
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AX217188/c
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 750 16-AUG-2001;
RIBOZYWE FRARMACKUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 1399 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
MCSWiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/nofe="Nucleic Acid"
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/nofe="Nucleic Acid"
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Sequence 1399 from Patent WO0159103.
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Seguence 750 from Patent W00159103.
AX215308
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AX215957.1 GI:15526000
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AX215308.1 GI:15525351
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artificial sequences.
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AX215308
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AX216647
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AX215957/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1467 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. a. Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1012 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.6%; Score 12.4; DB 1; Length 17; 92.9%; Pred. No. 3.9e+02; tive 0; Mismatches 1; Indels
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                                                                                0.6%; Score 12.4; DB 1; 92.9%; Pred. No. 3.9e+02; ative 0; Mismatches 1;
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Sequence 1467 from Patent WO0188124.
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/mol type="unassigned RNA"
/db_xref="taxon:9606"
  /organism="Homo sapiens"
/mol_type="unassigned RNA"
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AX423131.1 GI:21526513
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Matches 13, Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2631 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Method and reagent for the inhibition of erg
Method and reagent for the inhibition of erg
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 835 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GF
LICCATION/Qualifiers
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| Mol Lype="unassigned RNA"
| do xref="taxon:32630"
| note="Nucleic Acid"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Homo sapiens
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Homo sapiens
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AX422499
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                     Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                    Human testis expressed patched like protein
Patent: BP 1229046-A 4343 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human lccl-domain containing protein
Patent: FP 1262488-A 202 04-DEC-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 202 from Patent BP1262488.
AX615395
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
       Homo sapiens (human)
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Human testis expressed patched like protein
Patent: BP 1229046-A 1256 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 1257 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1257 from Patent BP1229046.
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Sequence 1256 from Patent EP1229046.
AX499949
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Homo sapiens
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PAT 08-MAY-2003
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                       Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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0.6%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 3.9e+02;

Matches 13; Conservative 0; Mismatches 1; Indels
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Patent: EP 1273660-A 314 08-JAN-2003;
                                                                                                                                                                                                                                     Gu,Y.

Human sodium-hydrogen exchanger like protein 1
Patent: BP 1273660-A 313 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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0.6%; Score 12.4; DB 1;
Best Local Similarity 92.9%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 1;
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Sequence 3279 from Patent W003025176.
AX725592
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Sequence 314 from Patent EP1273660.
AX648474
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/db_xref="taxon:9606"
                                                             AX648473 17 bp L
Sequence 313 from Patent EP1273660.
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/mol_type="unassigned DNA"
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/organism="Homo sapiens"
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Location/Qualifiers
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Mus musculus
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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larity 92.9%; Pred. No. 3.9e+02;
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Patent: EP 127366-A 312 08-JAN-2003;
Aeomica, Inc. (US)
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Sequence 311 from Patent BP1273660.
AX648471
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Patent: WO 03025175-A 2022 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3980 from Patent W003025175.
AX732346.1 GI:30511689
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/db_xref="taxon:9606"
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AX731538.1 GI:30510881
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Mamo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                             Patent: WO 03025176-A 3279 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mus musculus
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                         Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0302177-A 371 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX735469/c
LOCUS AX735469 17 bp DNA
DEFINITION Sequence 1059 from Patent W003025177.
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                                                                                               DNA
                                                                                             AX734781 17 bp DN Sequence 371 from Patent WO03025177.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX734781.1 GI:30514058
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                0.6%; Score 12.4; DB 1; Length 17; 92.9%; Pred. No. 3.9e+02; tive 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 4387 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 5519 from Patent W003025175.
AX733885
AX733885.1 GI:30513228
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Sequence 4387 from Patent W003025175.
AX732753
AX732753.1 GI:30512096
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Homo sapiens
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use Patert: WO 03025177-A 2434 27-MAR-2003;
Molecular Engines Laboratories (FR)
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0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
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                                                                                                                                                                 /organism="Homo sapiens"
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Homo sapiens
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AX757324
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                      Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 30202177-A 1869 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                          Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments 27-MAR-2003; Patent: WO 3030517-A 1059 27-MAR-2003; Molecular Engines Laboratories (FR)
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Sequence 2434 from Patent W003025177.
AX736844
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX735469
AX735469.1 GI:30514746
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Homo sapiens
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Best Local Similarity 92.99
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PAT 08-MAY-2003
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03022177-A 3573 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX737983 17 bp DNA Sequence 3573 from Patent WO03025177.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03040369-A 2691 15-WAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Matches 13; Conservative
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03040369-A 976 15-WAY-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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ACCESSION VERSION KEYWORDS

RESULT 465 AX758144/c

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SOURCE ORGANISM

AUTHORS TITLE

REFERENCE

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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE

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RESULT 468
AX760843/C
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REFERENCE AUTHORS TITLE

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1 (bases 1 to 17)

8 Akhtar, S., Fell, P. and Mcswiggen, J.A.

Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

to levels of epidermal growth factor receptors

No levels of epidermal growth factor receptors

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Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.

BD067220.
BD067220.1 GI:22612823
JP 2015I1003-A/60.
unidentified
                                                                                                  Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 3.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Patent: WO 03040369-A 4164 15-MAY-2003;
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                                                                                           AX760843 17 bp DNA
Sequence 4164 from Patent W003040369.
AX760843
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    .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/db_xref="taxon:9606"
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Location/Qualifiers
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/organism="Homo sapiens"
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AUTHORS TITLE

JOURNAL

FEATURES

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RESULT 469

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AX761350

DEFINITION

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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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JP 2002509721-A/6358
02-APR-2002
24-MAR-1999 UP 2000541291
27-MAR-1999 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOIT,
A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
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1 (bases 1 to 17)
2 (bases 1 to 17)
2 (bases 1 to 17)
3 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patter: JP 2002509721-A 6358 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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pc A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
         Method and reagent for treating diseases or conditions concerning molecule participating in veculogenic response Key
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/organism='Homo sapiens (human)'.
Location/Qualifiers
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Key Location/Qualifiers
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Pred. No. 3.9e+02;
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    /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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JP 2002509721-A/6358.
Homo sapiens (human)
Homo sapiens
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Matches 13; Conservative
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27-WAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                         PAT 27-AUG-2002
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1 (Bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 6347 02-APR-2002;
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
                                                                                                                                                                                                                                                                                                                                                   09/135238 PI
                                                                                                                                                                                                                                        Patent: JP 2001523457-A 7 27-NOV-2001;
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
OS ARTÍFICIAL Sequence
PN JP 2001523457-A/7
PD 27-NOV-2001
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Description of Artificial Sequence: Synthetic FH
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PR 17-NOV-1997 US 60/066063,17-AUG-1998 US
GARRY P NOLAN, YASUMICHI HITOSHI
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/db_xref="taxon:32630"
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JP 2002509721-A/6347
02-APR-2002
                                                                                                                                                                  artificial sequences.

(bases 1 to 17)

Nolan, G.P. and Hitoshi, Y.
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JP 2002509721-A/6347.
Homo sapiens (human)
Homo sapiens
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BD087287.1 GI:22632897
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synthetic construct
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PC A61P4
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C12P21/02,
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VERSION
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TITLE
JOURNAL
           RESULT 472
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AUTHORS TITLE

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RESULT 475

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PAT 05-DEC-1998
                                                                             Thursz, M.R., Thomas, H.C., Hill, A., Vivian, S. and Mantafounis, D. METHODS FOR PREDICTING THE OUTCOME OF PERSISTENT HBV INFECTION AND THE OUTCOME OF CYDKINE THERAPY
PATE OUTCOME OF CYDKINE THERAPY
PATENT: WO 9713875-A 3 17-APR-1997;
IMPERIAL COLLEGE (GB)
Other publication AU 7310496 970430.
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1 (bases 1 to 17)

Glucksmann,M.Alexandra.

Methods for identifying compounds useful in treating type II diabetes
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Glucksmann,M.Alexandra.
Methods for identifying compounds useful in treating type II
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1 Similarity 82.4%; Pred. No. 4.4e+02;
14; Conservative 0; Mismatches 3;
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82.4%; Pred. No. 4.4e+02;
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AR023745.1 GI:3977039
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/organism="unknown"
/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
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Location/Qualifiers
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Sequence 9 from patent US 5795726.
AR023727 1 GI:3977021
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                                                                                                                                                                                                    Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1807 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Strosberg, A.D. and Zilberfarb, V.
IMMORTALISED CELL LINES FROM HUMAN ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS THEREOF PATENTIS SAME AND APPLICATIONS THEREOF CENTRE NO 9634100-A 4 31-0CT-1996; CENTRE NAT RECH SCIENT (FR)
Other publication FR 2733513 961031.
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AX216365
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/db_xref="taxon:32630"
/note="Nucleic Acid"
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/db_xref="taxon:32644"
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A62291
A62291.1 GI:3716254
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Sequence 4 from Patent WO9634100.
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A57769.1 GI:3713593
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PAT 29-SEP-1999

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1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817799-A 65 06-OCT-1998;
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Stinothcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1353 06-OCT-1998;
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0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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                                                                  1 (bases 1 to 17)
Glucksmann, M.Alexandra.
Assays for diagnosing type II diabetes in a subject
Patent: US 5800998-A 24 01-SEP-1998;
Location/Qualifiers
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llarity 82.4%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3;
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82.4%; Pred. No. 4.4e+02;
ative 0; Mismatches 3;
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Sequence 65 from patent US 5817796.
AR045272
                                                                                                                                                                                   /mol_type="unassigned DNA"
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/organism="unknown"
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1 (bases 1 to 17)
Wang,C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A.96 19-JAN-1999;
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                               0.6%; Score 12.2; DB 1; Length 17;
llarity 82.4%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3; Indels
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Monia,B.P., Cowsert,L.M. and Mancharan,M.
Antisense oligonucleotide inhibition of ras
Patent: US 5872242-A, 27 16-FEB-1999;
Location/Qualifiers
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Sequence 24 from patent US 5800998.
AR036970.1 GI:5954826
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Sequence 96 from patent US 5861244.
AR029907
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/wol_type="unassigned DNA"
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                                                                                              1216 GCTGACCCCATCCTTGC 1232
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Unclassified.
                                               Local Similarity
ses 14; Conserv
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source

TITLE JOURNAL FEATURES

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REFERENCE AUTHORS

VERSION KEYWORDS SOURCE

RESULT 480

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AR029907

Best Loc Matches

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Gaps

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PAT 29-SEP-1999

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AR036970 LOCUS DEFINITION ACCESSION VERSION

RESULT 482

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TITLE JOURNAL FEATURES

DEFINITION

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KEYWORDS

SOURCE

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AR036627

ORGANISM

REFERENCE AUTHORS 0;

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SOURCE ORGANISM

AUTHORS TITLE

REFERENCE

LOCUS DEFINITION

ACCESSION VERSION

KEYWORDS

RESULT 485

pp

AR079647

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JOURNAL

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 17)

E Landers, J. E., Jordan, B., Housman, D.E. and Charest, A.

Methods and products related to genotyping and DNA analysis

Methods and products related to genotyping and DNA analysis

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

S Homo sapiens (human)

PN JP 2002525127-A/260

PP 24-SEP-1999 JP 2005572407

PR 25-SEP-1999 US 60/101757

PR 25-SEP-1999 US 60/101757

PR 25-SEP-1998 US 60/101757

PR 20008 C1201/68, G01N33/53, G01N33/58, G01N37/00, PC
                                                                                                                                                                                                                                                                                                                                                                                              bulgists moducts related to genotyping and DNA analysis. BD241313
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C12N15/00
Methods and products related to genotyping and DNA analysis FH
Ev Location_Qualifiers
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   1 (bases 1 to 17)
Hardee, G.B., Geary, R.S., Levin, A., Templin, M.V., Howard, R. and Mehta, R.C.
Liposomal oligonucleotide compositions for modulating RAS gene
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82.4%; Pred. No. 4.4e+02;
rative 0; Mismatches 3;
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                                                                   expression
Patent: US 6083923-A 35 04-JUL-2000;
Location/Qualifiers
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JP 2002525127-A/260.
Homo sapiens (human)
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BD247440/c
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                                                                                                                                                                                                                                      Unknown.
Unclassified.
1 (bases 1 to 17)
Ecker, D.J., Cook, P.Dan., Monia, B.P., Freier, S.M. and Sanghvi, Y.S.
Antisense inhibition of ras gene with chimeric and alternating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (bases 1 to 17)
Strosberg, A. Donny. and Zilberfarb, V.
Strosberg, A. Donny. and Zilberfarb, V.
Immortalized cell lines from human adipose tissue, process for preparing same and applications thereof
Patent: US 6071747-A 4 06-JUN-2000;
Location/Qualifiers
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l Similarity 82.4%; Pred, No. 4.4e+02;
14; Conservative 0; Mismatches 3; Indels
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Patent: US 5965722-A 27 12-OCT-1999;
Location/Qualifiers
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Sequence 27 from patent US 5965722.
AR079647.
AR079647.1 GI:10006388
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Sequence 35 from patent US 6083923.
AR102410.1 GI:12813208
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AR097583
AR097583.1 GI:12806313
                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="unassigned DNA"
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1254 CATCCCCAACCCCCTTC 1270
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Best Local Similarity
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LOCUS

ACCESSION VERSION KEYWORDS

RESULT 486

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AR097583

ORGANISM

SOURCE

REFERENCE AUTHORS JOURNAL

TITLE

FEATURES

Matches

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Gaps

SOURCE ORGANISM

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VERSION KEYWORDS

RESULT 487

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AR102410

COMMENT

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BD254127 17-JUL-2003
Regulation of repressor genes using nucleic acid molecules.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0S Eukaryote
PN JP 2002541795-A/1919
PD 10-DEC-2002
PP 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN 12121/02, 461K38/00, 461K48/00, 461P43/00, 461P43/00, C12N5/10, PC C12P21/02,
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Regulation of repressor genes using mucleic acid molecules.
BD254126
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unclassified.
1 (base 1 to 17)
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.

Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.

Brettin of repressor genes using nucleic acid molecules
Patent: TP 2002541795-A 1919 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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12.4%; Pred. No. 4.4e+02;
ve 0; Mismatches 3;
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82.4%; Pred. No. 4.4e+02;
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BD254127.1 GI:33063897
DP 2002541795-A/1920.
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Best Local Similarity 82.4
Matches 14; Conservative
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                                                                                                                                                          OS Mus musculus (mouse)

PN JP 2002523018-A/19

PD 30-JUL-2002

PF 12-JUL-1998 US 09/123168

PI 27-JUL-1998 US 09/123168

PC C12N15/09, A01K67/027, CO7K14/47, CO7K15/18, CO7K17/10, PC C12N15/00, A01K67/027, CO7K14/47, CO7K15/18, CO7K17/10, PC C12N15/00, C12N
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BD253940
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                                                                                                                                               Mus musculus (mouse)
Mus musculus (mouse)
30-JUL-2002
12-JUL-1999 JP 2000562508
27-JUL-1999 US 09/123168
JOHN R SHUTTER, KEVIN L STARK
COLN15/09, AOLK67/027, CO7K14/47, CO7K15/18, CO7K17/08, CO7K17/10,
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Craniata, Vertebrata, Euteleostomi,
Sciurognathi, Muridae, Murinae, Mus.
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61K38/00,C12N5/10,PC
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Location/Qualifiers
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.larity 82.4%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3;
                                                                                            Delta-related polypeptide
Patent: JP 2002523018-A 19 30-JUL-2002;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/db_xref="taxon:10090"
                    Mammalia, Butheria, Rodentia,
1 (bases 1 to 17)
Shutter,J.R. and Stark,K.L.
Metazoa; Chordata;
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JP 2002541795-A/1733
10-DEC-2002
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JP 2002541795-A/1733.
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bu254170 17-JUL-2003 Regulation of repressor genes using nucleic acid molecules.
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
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location/Qualifiers
                                                                     0.6%; Score 12.2; DB 1;
ilarity 82.4%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3;
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82.4%; Pred. No. 4.4e+02;
ative 0; Mismatches 3;
     /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002541795-A/1955
10-DEC-2002
                                                                                                                                         1170 CAACTTTGCGGCTCCCC 1186
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(C12N5/00,C12R1:91)
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PCZ
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
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A61K37/02,
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                                                                     OS BUKATYONE

PN JP 2002541795-A/1920

PD 10-DEC-2002

PF 11-APR-1999 US 60/129390

PI LAWRENCE BLAIT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN CL2N15/09, 461K38/00, 461K48/00, 461P43/00, 461P43/00, C12N5/10, PC
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PN JP 2002541795-A/1921
PD 10-DEC-2002
PF 11-APR-1999 US 60/129390
PI LAWRENCE BLAIT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN CI2NS/09, AGIK38/00, AGIK48/00, AGIP43/00, AGIK48/100, PC
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1 (bases 1 to 17)
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Sequlation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 1920 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified unclassified.

Labes 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules Patent: JP 2002541795-A 1921 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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                                                                                                                                                                                                                                                                                                                                                                            'organism='Eukaryote'.
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                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002541795-A/1921.
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Regulation of repressor genes using nucleic acid molecules. BD254162 BD254162 BD254162 BD254162 BD254162 BD254162 BD254162. GI:33063932 BD254162.1 GI:33063932 BD24162.1 GI:3306
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PR 12-APR-1999 US 60/129390
PI LAWRENGE BLAY MICHAEL ZWICK, PAWELA PAVCO, JAMES MCSWIGGEN CI2N15/09, AG1K38/00, AG1K48/00, AG1P43/00, AG1K38/100, AG1K48/00, AG1P43/00, AG1K38/00, AG1K48/00, AG1P43/00, AG1K48/100, AG1P43/00, AG1K48/00, AG1P43/00, 
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Sequlation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 1955 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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Regulation of repressor genes using nucleic acid molecules. BD258243 BD258243. Unidentified unidentified
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN 1
CL2NES/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12NES/10, PC
C12P21/02,
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BD254802.1 GT:33064572
JP 200254195-A/2595.
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Begulation of repressor genes using mucleic acid molecules
Patent: JP 2002541795-A 2595 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 6036 10-DEC-2002;
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/organism='Eukaryote'
Location/Qualifiers
                                       Score 12.2; DB 1;
Pred. No. 4.4e+02;
0; Mismatches 3;
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82.4%; Pred. No. 4.4e+02;
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10-DEC-2002
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(C12N5/00, C12R1:91)
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TITLE
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PN JP 2002541795-A/1963
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI IAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN CILLIS/09, A61K38/00, A61K48/00, A61P43/00, CIL
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PN JP 2002541795-A/2089
PD 10-DEC-2000
PP 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN CIZNIS/09, A61K38/00, A61K48/00, A61P43/00, CIZNIS/10, PC
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Regulation of repressor genes using nucleic acid molecules.
BD254296
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Unidentified
unidentified
unclassified.

1 (Dases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Patente: UP 2002541795-A 2089 10-DEC-2002;
REBOZYME PHARMACEUTICALS INC
Regulation of repressor genes using nucleic acid molecules Patent: JP 2002541795-A 1963 10-DEC-2002; RIBOZYME PHARMACEUTICALS INC
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Location/Qualifiers
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LOCUS
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TITLE
JOURNAL
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Regulation of repressor genes using nucleic acid molecules FH Location/Qualifiers
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PN JP 2002541795-A/7050
PD 10-DEC-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI IAMRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12P21/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC C12P21/02,
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Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules Patent: JP 2002541795-A 7051 10-DEC-2002;
OS EUKARYOFE
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 7050 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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  Query Match 0.6%; Score 12.2; DB 1; Best Local Similarity 82.4%; Pred. No. 4.4e+02; Matches 14; Conservative 0; Mismatches 3;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002541795-A/7051.
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(E 1 (bases 1 to 17)

RS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.

REGILATION C repressor genes using nucleic acid molecules

REGILATION PHARMACEUTICALS INC

S ENGALYPOSE

PD 10-DEC-2002

PD 10-DEC-2002

PR 11-APR-2000 JP 2000611654

PR 12-APR-1999 US 60/129390

PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC

C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
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              DESCRIPTION OF THE PROPERTY OF
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C(12N1:91),
C(12N2)/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC (C12N5/02,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH Key Location/Qualifiers
FT Source Location/Qualifiers
FT FT Source / Organism='Eukaryote'.
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/organism="unidentified"
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/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
RIBOZYME PHARMACEUTICALS INC
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JP 2002541795-A/7003.
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PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
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PN JP 2002541795-A/7181
PD 10-DEC-2002
PF 11-APR-1999 US 60/129390
PI LAWRENCE BLAIT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN CI2NIS/09, AGIRS8/00, AGIR48/00, AGIR43/00, AGIR43/00, CI2NIS/10, PC
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BP271245.1 G1:33081013
BP2002540801-A/17.
Synthetic construct
artificial sequences.

1 (bases 1 to 17)
Duff,G.W., Giovine,F.S.D. and Whyte,M.
Prediction of risk of interstitial lung disease
Patent: JP 2002540801-A 17 03-DEC-2002;
INTERLEUKIN GENETICS INC
ON Artificial Sequence
PN JP 2002540801-A/17
PD 03-DEC-2002
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
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llarity 82.4%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3;
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/db_xref="taxon:32644"
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JP 2002541795-A/7181.
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Regulation of repressor genes using nucleic acid molecules.
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Regulation of repressor genes using nucleic acid molecules FH
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PN JP 2002541795-A/7109
PD 10-DEC-2002
PF 11-ARR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC C12N15/09, A61K38/00, A61K48/00, A61R43/00, A61K48/10, PC
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A61K37/02,
(C12N5/00, C12R1:91)
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PN JP 2002541795-A/7051
PD 10-DEC-2002
PF 11-APR-1200 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN ICLANES/09, AGIRS8/00, AGIRK48/00, AGIRKA8/00, AGIRK48/00, AGIRKA8/00, AGIR
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Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using mucleic acid molecules
Patent: JP 2002541795-A 7109 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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Location/Qualifiers
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/mol_type="genomic DNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002541795-A/7109.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
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ABNORMALITY OF GENE BY USING THE SAME
ABNORMALITY OF GENE BY USING THE SAME
ABNORMATION PHOTONICS K

DATE OF THE SAME
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DE 19-MAY-1998
PP 31-OCT-1998
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DBTECTION OF POINT MUTATION OF NUCLEIC ACID AND DETECTION OF ABNORMALITY OF GENE BY USING THE SAME
PATENT: JP 1998127300-A 25 19-MAY-1998;
HAMMANATSU HOTONICS KK
OS HOMO Sapiens (human)
PN 19-98127300-A/25
PD 19-MAY-1998
PP 31-OCT-1996 JP 1996290235
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E16066.1 GI:5710749
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Highly mutated site of human Ki-ras gene.
R16059
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32.4%; Pred. No. 4.4e+02;
ive 0; Mismatches 3;
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/organism='Homo
Location/Qualifiers
                       Mismatches
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                       0;
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Homo sapiens (human)
Homo sapiens
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Homo sapiens
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                     14; Conservative
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Matches 14; Conserv
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ACCESSION
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E16059/c
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E16066
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                     Matches
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PF 31-MAR-2000 JP 2000609606
PR 02-APR-1999 US 09/286108
PI GORDON W DUFF, FRANCESCO SAVERIO DI GIOVINE, MORIA WHYTE PC C12N15/09, AGIR31/57, AGIR31/7088, AGIR38/00, AGIR45/00, AGIR48/00, PC C2010/102, C12Q1/68, G01N33/15, G01N33/50, G01N33/56, PC C12N15/00,
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Patent: JP 2002533113-A 1 08-OCT-2002;
Artificial Sequence
BN JP 2002533113-A/1
BN 32-0CT-2002
BP 24-DEC-1999 JP 2000591168
BP 24-DEC-1999 US 60/113863,24-DEC-1998 US 09/220510 PI
NITZAN RESNICK
PC CL2N15/09,AGIK31/713,AGIK35/76,AGIK48/00,AGIP3/06,AGIP3/10, PC
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A61P9/02,A61P9/04,A61P9/06,A61P9/08,A61P9/10,A61P9/10,A61P9/10, PC
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
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BD273168.1 GI:33082936
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1 (bases 1 to 17)
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PAT 20-APR-2002

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1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 5924 12-FEB-2002;
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
McHod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346399-A 7413 12-FEB-2002;
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82.4%; Pred. No. 4.4e+02;
tive 0; Mismatches 3;
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Pred. No. 4.4e+02;
0; Mismatches 3;
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Sequence 7413 from patent US 6346398.
AR191925
AR191925.1 GI:20237890
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       Mismatches
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/wol_type="unassigned DNA"
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Sequence 27 from patent US 6359124.
AR201445.1 GI:20252333
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/mol_type="unassigned DNA"
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Best Local Similarity 82.4%;
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    Matches 14; Conservative
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PI HIRANO KENICHI
PC C12Q1/68,C07H21/04,G01N21/64//C12N15/09,G01N33/566; CC
strandedness: Single;
CC topology: Linea;
CC hypothetical: No;
FH Key Location/Qualifiers
FH FF source 1..17
/organism='Homo sapiens'.
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StinchComb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 65 08-JUL-1997;
Location/Qualifiers
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb targeted ribozymes
Patent: US 5646042-A 1353 08-UUL-1997;
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/organism='Homo sapiens'
Location/Qualifiers
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82.4%; Pred. No. 4.4e+02;
live 0; Mismatches 3;
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Pred. No. 4.4e+02;
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US 5646042.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="unknown"
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I53612.1 GI:2474815
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Unclassified.
E 1 (bases 1 to 17)
S Bejolman,L., Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S. Synthetic ribonucleic acids with RNAse activity and Patent: US 6528640-A 874 04-MAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                          0.6%; Score 12.2; DB 1; Length 17; 12.4%; Pred. No. 4.4e+02; ve 0; Mismatches 3; Indels
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Mythetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 521 04-MAR-2003;
Location/Qualifiers
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(2.4%; Pred. No. 4.4e+02;
ve 0; Mismatches 3;
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                                                                                                                       Sequence 521 from patent US 6528640. AR286149
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/organism="unknown"
/wol_type="unassigned RNA"
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/organism="unknown"
                         1238 CCCTCGCCTCCGACCCC 1254
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Unknown.
Unclassified.
Unclassified.
I (bases I to 17)
Ecker, J., Cook, P.Dan., Monia, B.P., Freier, S.M. and Sanghvi, Y.S.
Antisense inhibition of ras gene with chimeric and alternating
oligonucleotides
Patent: US 6359124.A 27 19-MAR-2002;
Location/Qualifiers
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Cookson, W.Osmond.Charles.Michael. and Moffatt, M.Fleur.
Methods and materials for the diagnosis or prognosis of asthma
Patent: US 6387615-A 3 14-MAY-2002;
Location/Qualifiers
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Pred. No. 4.4e+02;
0; Mismatches 3; Indels
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O.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 3 from patent US 6387615.
AR209804.1 GI:21511869
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Sequence 1 from patent US 6440726,
AR224417
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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751 TGCACCTGCCATGCAGG 767
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pavco,P., McSwiggent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 4237 20-MAY-2003;
Location/Qualifiers
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3220 20-MAY-2003;
Location/Qualifiers
            l (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 2763 20-MAY-2003;
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82.4%; Pred. No. 4.4e+02;
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Sequence 3220 from patent US 6566127.
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AR325818.1 GI:33711626
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US 6566127.
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/wol_type="unassigned RNA"
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/organism="unknown"
/mol_type="unassigned RNA"
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Sequence 4237 from patent
AR326835
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Matches 14; Conservative
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                                                                                                                                                                 Unclassified.

1 (bases 1 to 17)

2 Abaroo, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127.A 4970, 20-MAY-2003;
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 5211 20-MAY-2003;
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Sequence 5211 from patent US 6566127.
AR327568 17 bp RNA Sequence 4970 from patent US 6566127.
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Sequence 5457 from patent US 6566127.
AR328055
AR328055.1 GI:33713863
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/mol_type="unassigned RNA"
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1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5457 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unclassified.

(Lobase 1 to 17)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5532 20-MAY-2003;

Location/Qualifiers
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6552 20-MAY-2003;
Location/Qualifiers
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0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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/organism="unknown"
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AR328230
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AR329150.1 GI:33714958
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                                                                                                                                             Unclassified.

1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6891 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 6892 20-MAY-2003;
Location/Qualifiers
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AR329489 17 bp RN3
Sequence 6891 from patent US 6566127.
AR329489.1 GI:33715297
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/organism="unknown"
/mol__type="unassigned RNA"
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Akhtar, S., Fell, P. and McSwiggen, J.A.
Akhtar, S., Fell, P. and McSwiggen, J.A.
Brymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors
Patent: US 6623962-A 420 23-SEP-2003;
Location/Qualifiers
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1 (bases 1 to 17)

Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Oligoribonucleotides with enzymatic activity
Patent: US 6617438-A 873 09-SEP-2003;
                                                                                                                                   0.6%; Score 12.2; DB 1; Length 17; 82.4%; Pred. No. 4.4e+02; ive 0; Mismatches 3; Indels
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, C., Sweedler, D. and Zinnen, S. Oligoribonuclectides with enzymatic activity Patent: US 6617438-A 520 09-58P-2003;
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Pred. No. 4.4e+02;
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AR398492
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AR402080
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/organism="unknown"
/mol_type="unassigned RNA"
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/organism="unknown"
/mol_type="genomic DNA"
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Patent: WO 0073499-A 21 07-DEC-2000;
INNOGENETICS N.V. (BE) ; Enterprise Ireland (trading as Bioresearch
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  PAT 18-DEC-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PAT 13-JAN-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Aspergillus versicolor
Aspergillus versicolor
Bukaryota; Fung; Ascomycota; Pezizomycotina; Burotiomycetes;
Burotiales; Trichocomaceae; mitosporic Trichocomaceae; Aspergillus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Smith,T., Maher,M., Martin,C., Jannes,G., Rossau,R. and van der Weide,M.
Nucleic acid probes and methods for detecting clinically important
                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                        Score 12.2; DB 1; Length 1
Pred. No. 4.4e+02;
0; Mismatches 3; Indels
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12.4%; Pred. No. 4.4e+02;
ve 0; Mismatches 3; Indels
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 467 02-DEC-2003;
Location/Qualifiers
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//organism="Aspergillus versicolor"
//mol_type="unassigned DNA"
/db_xref="taxon:46472"
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17 bp Di
Sequence 467 from patent US 6656700.
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/organism="unknown"
/mol_type="genomic DNA"
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synthetic construct

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PAT 26-OCT-2001

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Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Fatent: Wo 0173002-A 3630 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 3631 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
 RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US) McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers
                                                                                                                                                                   0.6%; Score 12.2; DB 1; Length 17; 32.4%; Pred. No. 4.4e+02; ive 0; Mismatches 3; Indels
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Pred. No. 4.4e+02;
0; Mismatches 3;
                                                                          /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/nofe="Nucleic Acid"
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AX266239
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Seguence 3631 from Patent WO0173002.
AX266240
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 82.4%;
Matches 14; Conservative
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tes 14; Conservative
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AX266240/c
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                                                     Fierens-Onstenk, B.G. and de Both, M.T.
Method for generating resistance against cgmmv in plants, genetic constructs for use in said method, and cgmmv-resistant plants obtained via said method
Patent: WO 0109300-A 25 08-FEB-2001;
Keygene N.V. (NL)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1807 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3092 16-AUG-2001;
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="teaxon:32630"
/noTe="Nucleic Acid"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="primer 97602"
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Sequence 1807 from Patent W00159103.
AX216365
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Sequence 3092 from Patent WO0159103.
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Homo sapiens (human)
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VERSION
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Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Triticeae; Triticum.
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Skaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Pooideae, Triticeae, Triticum.
                                                                                                                                                                                                                                                                                                                                     Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligomucleotides
Patent: WO 0192512-A 1271 06-DEC-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligomucleotides
Patent: WO 0192512-A 1272 06-DEC-2001;
UNIVERSITY OF DELAWARE US)
Location/Qualifiers
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0.6%; Score 12.2; DB 1; Length 17; 82.4%; Pred. No. 4.4e+02; rive 0; Mismatches 3; Indels
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Pred. No. 4.4e+02;
0; Mismatches 3;
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    .17
    /organism="Triticum aestivum"
/mol_type="unassigned DNA"
/db_xref="taxon:4565"

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/mol_type="unassigned DNA"
/db_xref="taxon:4565"
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Sequence 1271 from Patent WO0192512.
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Triticum aestivum
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Best Local Similarity 82.4%;
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Screening assays for identifying modulators of the inflammatory or Screening assays for identifying modulators of the inflammatory or patent: WO 0200933-A 23 03-JAN-2002; Interleukin Genetics, Inc. (US)
Location/Qualifiers
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrinii, Hominidae, Homo.
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Randi,A.M..
Randi,A.M.
Method and reagent for the inhibition of erg
Parent: WO 0188124-A 146 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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ilarity 82.4%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3;
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/mol.type="unassigned DNA"
/db_xref="taxon:32630"
/note="probe"
             DNA
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Sequence 146 from Patent WO0188124.
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/db_xref="taxon:9606"
AX360037 17 bp
Sequence 23 from Patent WO0200933.
AX360037
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/organism="Homo sapiens"
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1049 AGCCCCTGGCCCCAAAC 1065
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Best Local Similarity 82.44
Matches 14; Conservative
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AX422921
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AX423136
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                         Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. a. Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 670 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 837 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GR
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1227 22-NOV-2001;
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AX422891
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                                                                                                                                                                                           /organism="Homo sapiens"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Homo sapiens (human)
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB) Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1472 22-NOV-2001;
RIBOZYME PHARMACKUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Patent: WO 0188124-A 1257 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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82.4%; Pred. No. 4.4e+02;
ative 0; Mismatches 3;
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AX423136
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Sequence 1257 from Patent W00188124.
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/db_xref="taxon;9606"
                                                                                                /mol_type="unassigned RNA"
/db_xref="taxon:9606"
                                                                            organism="Homo sapiens"
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PAT 27-SEP-2002

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                         Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.6%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 4.4e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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12.4%; Pred. No. 4.4e+02;
ve 0; Mismatches 3;
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer 97G02"
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AX500515 17 bp DNA Sequence 1822 from Patent EP1229046. AX500515
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AX531314

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    /db_xref="taxon:9606"

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AX513267/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1635 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                              Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. a Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1633 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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0.6%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 4.4e+02;

Matches 14; Conservative 0; Mismatches 3; Indels
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
   0; Mismatches
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                                    1172 ACTITGCGGCTCCCCGC 1188
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AX423297
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AX500515/c
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Shannon, M.

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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82.4%; Pred. No. 4.4e+02;
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Patent: BP 1239051-A 1425 11-SBP-2002;
Aeomica, Inc. (US)
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Patent: EP 1239051-A 1423 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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AX531914
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Sequence 1425 from Patent BP1239051.
AX531916
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Homo sapiens
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                                                             17 AGCTGGAAGGAACGTCT
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: EP 1239051-A 1169 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1291 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
Human posh-like protein 1
Patent: EP 1239051-A 823 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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EP1239051.
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/db_xref="taxon:9606"
                                                                1. .17
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AX531782
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Matches 14; Conserv
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human posh-like protein 1
Human posh-like protein 1
Patent: EP 1239051-A 1431 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human posh-like protein 1
Patent: EP 1239051-A 1430 11-SEP-2002;
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Sequence 1430 from Patent EP1239051.
AX531921
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                 1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: EP 1239051-A 1427 11-SEP-2002;
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Patent: EP 1239051-A 1429 11-SEP-2002;
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Patent: EP 1239051-A 1426 11-SEP-2002;
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Sequence 1427 from Patent EP1239051.
AX531918
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EP1239051.
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
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AX531920
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AX531917.1 GI:25255606
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 790 14-FEB-2002;
RIBOZYME PHARMACEUICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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                Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                        0.6%; Score 12.2; DB 1; Length 17; ilarity 82.4%; Pred. No. 4.4e+02; Conservative 0; Mismatches 3; Indels
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                                                                                                                             Human posh-like protein 1
Patent: EP 1239051-A 1962 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Human lccl-domain containing protein
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/organism="Homo sapiens"
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Sequence 209 from Patent EP1262488.
AX615402
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Location/Qualifiers
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Homo sapiens
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Best Local Similarity 82.4
Matches 14; Conservative
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Matches 14; Conserv
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Human posh-like protein 1
Patent: BP 1299051-A 1957 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 1958 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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AX532453
AX532453.1 GI:25256680
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AX532448
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1045 ACTAAGCCCCTGGCCCC 1061
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RESULT 561 AX532449/c LOCUS DEFINITION

8 S KEYWORDS SOURCE ORGANISM

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RESULT 562
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17 bp I
Sequence 487 from Patent EP1273660.
AX648647
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AX648650.1 GI:29151468
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AUTHORS
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AX648647
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AUTHORS
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 82.4%; Pred. No. 4.4e+02;

Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: EP 1273660-A 51 08-JAN-2003;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1273660-A 50 08-JAN-2003;
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Patent: BP 1262488-A 209 04-DEC-2002;
Acomica, Inc. (US)
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Sequence 51 from Patent EP1273660.
AX648211
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Sequence 50 from Patent BPL273660.
AX648210
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                       Inc. (US)
Location/Qualifiers
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Matches 14; Conserv
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Patent: EP 1273660-A 487 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1273660-A 490 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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|mol type="unassigned DNA"
|db xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 490 from Patent EP1273660.
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 Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Aeomica, Inc. (US)
Location/Qualifiers
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                     mdz12
Patent: EP 1281758-A 604 05-FEB-2003;
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Sequence 620 from Patent EP1281758.
AX687888.1 GI:29410586
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/mol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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    .17
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Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Sequence 5328 from Patent EP1281758.
AX692596
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Sequence 5329 from Patent EP1281758.
AX692597.1 GI:29415555
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                         Sequence 4482 from Patent EP1281758.
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Location/Qualifiers
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                                                  DEFINITION
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VERSION
RESULT 576
AX691750
                                                                                                                            SOURCE
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                                                                                                            KEYWORDS
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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   Length 17;
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illarity 82.4%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3;
 Query Match 0.6%; Score 12.2; DB 1; Best Local Similarity 82.4%; Pred. No. 4.4e+02; Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                            DNA
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Aeomica, Inc. (US)
Location/Qualifiers
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EP1281758.
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/mol_type="unassigned DNA"
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Location/Qualifiers
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Sequence 3179 from Patent
AX690447
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Best Local Similarity 82.4
Matches 14; Conservative
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Matches 14; Conservat
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AX690447/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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                                                                                                                   Query Match
0.6%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:10090"
                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
      Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: BP 1281758-A 6099 05-FEB-2003;
Aeomica, Inc. (US)
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Aeomica, Inc. (US)
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AX693367
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EP1281758.
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Location/Qualifiers
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Location/Qualifiers
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AX692600
AX692600.1 GI:29415558
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Homo sapiens
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ACCESSION
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 1868 27-MAR-2003;
Molecular Engines Laboratories (FR)
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12.4%; Pred. No. 4.4e+02;
ve 0; Mismatches 3;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2917 from Patent WO03025177.
AX737327
                                               AX734206 17 bp DNA Sequence 5840 from Patent WO3025175.
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Conservative
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ACCESSION
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AX734206
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                     Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Pred. No. 4.4e+02;
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Patent: WO 03025176-A 5536 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db xref="taxon:9606"
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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Sequence 2 from Patent WO03025175.
AX728368
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Patent: Wo 03040369-A 4222 15-MAY-2003;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                             Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                          Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments Patent: WO 3030217-A 2917 27-MAR-2003; Molecular Engines Laboratories (FR)
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/organism="Homo sapiens"
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Homo sapiens
                    Homo sapiens (human)
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Best Local Similarity
Matches 14; Conserv
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
Patent: WO 03040369-A 38 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 3279 from Patent W003040369.
AX759958
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Molecular Engines Laboratories (FR)
Location/Qualifiers

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PAT 17-JUL-2003

LOCUS DEFINITION ACCESSION VERSION

RESULT 592 AX762318

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Matches

KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE

JOURNAL

FEATURES

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0305284-A 1961 19-UN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Matches 14, Conservative
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JOURNAL
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 4.4e+02;
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Patent: WO 03050284-A 244 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 244 from Patent WO03050284.
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Best Local Similarity 82.4%;
Matches 14; Conservative
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RESULT 593
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                                                                                                                                                                          unclassified.

1 (bases 1 to 17)

Akhtar, S., Fell.P. and Mcswiggen, J.A.

Enzymatic nucleic acid treatment of diseases or conditions related

to levels of epidermal growth factor receptors

Patent: JP 2001511003-A 420 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC. ASTON UNIV.
Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.
BD067580
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Topology: Linear; Enzymatic nucleic acid treatment of diseases or conditions
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S Monia, B.P., Cowcert, L.M. and Manoharan, M.

Antisense oligonucleotide inhibition of RAS

L Patent: JP 2001509394-A, Z 24-JUL-2001;

SIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2001509394-A/27

PD 24-JUL-2001

PF 06-JUL-1999 US 200050223

PR 08-JUL-1997 US 08/889236

PT CI2N15/09, A61K31/7088, A61K48/00, A61P35/00, CI2N15/00 CC

Strandedness: Single,

CC Antisense oligonucleotide inhibition of RAS

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82.4%; Pred. No. 4.4e+02;
tive 0; Mismatches 3; Indels
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PN JP 2001511003-A/420
PN JP 2001511003-A/420
PP 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 8AGHIR AKHTAR, PATRICTA FELL, JAMES A MCSWIGGEN PC CL2N9/00,CO7K14/71
CC Strandedness: Single;
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artificial sequences.

E artificial sequences.

Antisense into 17)
S Ecker, D.J., Cook, P.D., Monia, B.P., Freier, S.M. and Sang, Y.S.
Antisense into it as gene with chimeric and alternating coligonucleotides into its gene with chimeric and alternating cligonucleotides into its Pharmaceuricals in Sistematical Sequence

A ritificial Sequence

PD 16-JAN-2001 Sequence
PD 16-JAN-2001 Sequence
PD 16-JAN-2001 Sequence
PD 16-JAN-2001 Sequence
PD 16-JAN-2001 General Sequence
PD 16-JAN-2001 General Sequence
PD 16-JAN-2001 Description of Sequence
PR 30-APR-1999 UP 1998-547418
PR 30-APR-1999 UP 1998-547418
PR 30-APR-1999 UP 1998-547418
PR 30-APR-1999 UP 1998-547418
PR 30-APR-1997 US 08/848840
PI DAVID J ECKER, PHILIP DAN COCK, BRETT P MONIA, SUSAN M FREIER, PI COLOGIC CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Activates inhibition of ras gene with chimeric and alternating Oligonucleotides.

BD006260
BD006260.1 GI:18634631
JP 201500530-A/27.
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C07H19/06,
                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                               Guo,J.
Human prostate cancer candidate protein
Patent: WO 03050284-A 2351 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                         Homo sapiens
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BD067580/c
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PAT 27-AUG-2002

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Gaps

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PAT 17-JUL-2003

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unclassified.

In (bases 1 to 17)

Anuschirwan, P., Uhlmann, E. and Weiser, C.

Tenascin antisense oligonucleotide for treating leukoma
L Perent: UP 2001523451-A 40 27-NOV-2001;
AVENTIS PHARMA DEUTSCHIAND GMBH
OS Unidentified
PN JP 200152451-A/40
PD 27-NOV-2001
PP 29-OCT-1999 UP 200521185
PR 15-NOV-1997 UB 197 50 702.6
PI PEYMAN ANUSCHIRMAN, EUGEN UHLMANN, CAROLINE WEISER PC
CI2NIS/09, AsINSI/711, AsIR48/00, AsIPJ7/00, CI2Q1/68, CI2NIS/00 CC
Strandedness: Single;
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Tenascin antisense oligonucleotide for treating leukoma FH
PD 27-NOV-2001
PP 30-OCT-1998 JP 2000521185
PR 15-NOV-1997 DE 197 50 702.6
PI PEYMAN ANUSCHIRWAN, EUGEN UHLMANN, CAROLINE WEISER PC CL2N15/09, AGITA1/711, AGIK48/00, AGIP17/00, C12015/09, CC Topology: Linear;
CC Topology: Linear;
CC Tenascin antisense oligonucleotide for treating leukoma FH Key Location/Qualifiers
FT exon 1.17.
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Pred. No. 4.4e+02;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Matches 14; Conservative
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Tenascin antisense oligonucleotide for treating leukoma FH
Location/Qualifiers
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PN JP 2001523451-A/2
PN JP 2001523451-A/2
PP 29-NOV-1999 UP 2000521185
PR 15-NOV-1997 DE 197 50 702.6
PI PENYAN ANGSCHIRWAN RUGBN UHLMANN, CAROLINE WEISER PC CL2N15/09, AGIN21/711, AGIK48/00, AGIP17/00, C1201/68, C12N15/00 CC Strandedness: Single;
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Tenascin antisense oligonucleotide for treating leukoma.
BD086471
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Anuschirwan, P., Uhlmann, E. and Weiser, C.
Tenascin antisense oligonucleotide for treating leukoma
Patent: JP 2001523451-A 2 27-NOV-2001;
AVENTIS PHARMA DEUTSCHLAND GMBH
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Tenascin antisense oligonucleotide for treating leukoma.
BD086490
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Anuschirwan, P., Ublmann, E. and Weiser, C.
Tenascin antisense oligonucleotide for treating leukoma Patent: JP 2001523451-A 21 27-NOV-2001;
AVENTES PHARMA DECTSCHLAND GMBH
OS Unidentified
NP 2001523451-A/21
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Y 82.4%; Pred. NO. 4...
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/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001523451-A/2.
unidentified
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A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
            A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, BLISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD199177
BD199177.1 GI:33008947
JP 200250917.1-4.2203.
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Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Bukaryota; Metheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Bavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 2203 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                               Method and reagent for treating diseases or conditions
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                                                                                                                                                                                                                                                                                                                                                                           . Similarity 82.4%; Score 12.2; DB 1; Length 17; Similarity 82.4%; Pred. No. 4.4e+02; .4; Conservative 0; Mismatchen
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                                                                                       concerning molecule
participating in vasculogenic response
Key
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Key Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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JP 2002509721-A/2203
02-APR-2002
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Best Local Similarity 82.4%;
Matches 14; Conservative
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BD199177
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                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Marmalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 17)

1 (Dases 1 to 17)

2 Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

INBOZYME PHARACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A,406

PP 24-MAR-1999 UP 2000541291

PR 27-MAR-1999 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN

PC 21ZNIS/09,A6IK31/7088,A6IK31/7125,A6IK48/00,A6IP3/10,A6IP17/06, PC AGIPS/00/A6IPS/10/A6IP1/06, PC AGIPS/00/A6IP3/10/A6IP1/06, PC AGIPS/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3/00/A6IP3
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E 1 (bases 1 to 17)

S Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagant for treating diseases or conditions concerning molecule participating in vasculogenic response

L Patent: UP 2002509721-A 438 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 UP 2000541291
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BD197412.1 GI:33007182
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,PC C12N5/00
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27-WAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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27-MAR-1998 US 60/079678
PAMELA A PACCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCGWIGGEN
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A61P29/00,
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Location/Qualifiers
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Location/Qualifiers
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llarity 82.4%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 3; Indels
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon;9606"
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BD197380.1 GI:33007150
JP 2002509721-A/406.
Homo sapiens (human)
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Homo sapiens (human)
                                                                                          Homo sapiens
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0.6%; Score 12.2;
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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JP 2002509721-A/6089
02-APR-2002
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JP 2002509721-A/6089.
Homo sapiens (human)
Homo sapiens
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                                               JAMES A MCSWIGGEN
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TITLE
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BD201140.1 GI:33010910

JP 2002509721-A/4166.

Homo sapiens (human)
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                                                BD200589 17-JUL-2003 Method and reagent for treating diseases or conditions concerning
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                                                                                                                                                                                                                                                                                                                           Homo sapiens (human)
1P 2002509721-A/3615
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1999 JP 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOFT, JAMES A MCSWIGGEN
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PavCo, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 4166 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/4166
PD 02-APR-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                     Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Lobasa, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 3615 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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                                                                             molecule participating in vasculogenic response.
BD200589
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Key
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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JP 2002509721-A/3615.
Homo sapiens (human)
Homo sapiens
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Best Local Similarity 82.4%;
Matches 14; Conservative
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AUTHORS
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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27-MAR-1998 US 60/079678
PAMELA A PAUCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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1 (bases 1 to 17).

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

Patent: JP 2002509721-A 6089 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
                                                                                                                                            C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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Method and reagent for treating diseases or conditions
concerning molecule
participating in vasculogenic response
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Location/Qualifiers
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0.6%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 4.4e+02;
Matches 14; Conservative 0; Mismatches 3;
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PAT 20-APR-2002
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A61P35/00,A61P37/02,C12N15/09,A61K37/02,C12N15/00 CC A
doffer stimulating the immune system
Key
Location/Qualifiers
     Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

1 (Dases 1 to 15)
Schlingensiepen, K.H., Schlingensiepen, R. and Brysch, W. Amethod for stimulating the immune system
Patent: JP 200517434 A 140 18-UNY-2002,
BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 15)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A
                                                                                                                        OS Homo sapiens (human)
PN JP 2002517434-A/140
PD 18-UJN-2002
PD 18-UJN-1999 JP 2000553044
PR 10-JUN-1998 EP 98110709.7,25-JUL-1998 EP 98113974.4 PI
KARL HERMANN SCHLINGENSIEPEN, REIMAR SCHLINGENSIEPEN, WOLFGANG PI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 15;
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Sequence 8450 from patent US 6346398.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Matches 12; Conservative
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Unclassified.
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AR326704
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AUTHORS
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                                                                                                                                                                                                                                                                                                       1 (bases 1 to 20)
Bennett,C.F. and Wyatt,J.
Antisense modulation of glioma-associated oncogene-1 expression
Patent: US 6329203-A 75 11-DEC-2001;
Location/Qualifiers
                     Gaps
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100.0%; Pred. No. 3.3e+02;
Live 0; Mismatches 0; Indels
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Unclassified.

I (bases 1 to 15)
Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 619 27-FBB-2001;
Location/Qualifiers
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   Pred. No. 4.4e+02;
); Mismatches 3;
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Sequence 619 from patent US 6194150.
AR132194.1 GI:14121099
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Sequence 75 from patent US 6329203.
AR366713. GI:34599305
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/organism="unknown"
/mol_type="genomic DNA"
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                                                   1022 AGGGGGGGCTTGAAGGA 1038
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JP 2002517434-A/140.
Homo sapiens (human)
Homo sapiens
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Best Local Similarity 82.4%;
Matches 14; Conservative
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Unknown.
Unclassified.
Unclassified.
L (bases)
L vols)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6560127-A 4106 20-MAY-2003;
Location/Qualifiers
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Mammalia, Butheria, Primates; Catarrhini, Hominidae, Homo.
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Brysch,W., Schlingensiepen,K.H. and Schlingensiepen,R.
A method for stimulating the immune system
Patent: WO 9963975-A 140 16-DEC-1999;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL
HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
Location/Qualifiers
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100.0%; Pred. No. 3.3e+02;
ive 0; Mismatches 0; Indels
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Haplotypes of the edg4 gene
Patent: WO 0212342-A 14-PEB-2002;
Genalssance Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Sequence 140 from Patent WO9963975.
AX009107
AX009107.1 GI:9996481

    .15
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Matches 12; Conservative
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Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TNF-.alpha. ribozymes
Patent: uS 5811300-A 610 22-SEP-1998;
Location/Qualifiers
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.B. and
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Patent: BP 1260586-A 4426 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 4426 from Patent EP1260586.
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Matches 12; Conservative
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Scholin, C.A., Cangelosi, G.A. and Haydock, P.V.
Detection of toxigenic marine diatoms of the genus Pseudo-nitzschia
Patent: US 5958689-A 12 28-SEP-1999;
Location/Qualifiers
                                                                 PAT 17-AUG-2003
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Scholin, C.A., Cangelosi, G.A. and Haydock, P.V.
Detection of toxigenic maxine diatoms of the genus Pseudo-nitzschia
Patent: US 5958689-A 29 28-SEP-1999;
Location/Qualifiers
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                                                                                                                                                                                                                          Unclassified.

1 (bases 1 to 16)

1 (bases 1 to 16)

Parco.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5670 20-MAY-2003;

Location/Qualifiers
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                                                       AR328268 1 GI:33714076 AR328268.1 GI:33714076
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/mol_type="unassigned DNA"
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/organism="unknown"
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Methods and products related to genotyping and DNA analysis.
BD241241
BD241241
JP 200252127-A/188.
Homo sapiens (human)
BD4820127-A/188.
Homo sapiens (human)
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Methods and products related to genotyping and DNA analysis FH
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Landers, J.E., Jordan, B., Housman, D.E. and Charest, A. Methods and products related to genotyping and DNA analysis Patent: JP 200225127-A 188 13-AUG-2002;
MASSACHUSETIS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 200252127-A/188
PD 13-AUG-2002
PP 24-SFP-1999 JP 2000572407
PR 25-SEP-1999 US 60/101757
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unclassified.
1 (bases 1 to 17)
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic acid molecules
Patent: 10 2002541795-A 2841 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
OS BUKATYOTE
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                                                                                                                                                                  Regulation of repressor genes using nucleic acid molecules FH Location/Qualifiers
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                                                                                                                          (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
                                                     PC
PN JP 2002541795-A/2841

PD 10-DEC-2002

PF 11-APR-1900 JP 2000611654

PR 12-APR-1999 WS 60/129390

PI LAWRENCE BLAIT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN

C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10,PC
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C12N15/09,C12Q1/68,C12N15/00
Strandedness: Single;
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Patent: JP 1999113573-A 1 27-APR-1999;
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Process for synthesizing nucleic acid.
E24995
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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17-OCT-1997 JP 1997284889
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(C12N5/00,C12R1:91)
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JP 1999113573-A/1
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JP 1999113573-A/1.
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1 (bases 1 to 17)
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                                                                                                                                    Unknows...
Unclassified.
1 (Dases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavco,P., McSwiggen, Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
Method and reagent for the treatment of diseases versated to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1499 12-FEB-2002;
Location/Qualifiers
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Bardo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1500 12-FEB-2002;
Location/Qualifiers
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Sequence 1499 from patent US 6346398.
AR186011
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6346398.
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AR186013
AR186013.1 GI:20231978
                                                                AR186011.1 GI:20231976
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                         Sequence 1971 from patent US 6346398. AR186483
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Sequence 44 from patent US 6566127.
AR322642.1 GI:33708450
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AR322643
AR322643.1 GI:33708451
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Best Local Similarity 100.
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1 (bases 1 to 17)

Pavo,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1970 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 1969 12-FEB-2002;
Location/Qualifiers
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L00.0%; Pred. No. 4.8e+02;
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100.0%; Pred. No. 4.8e+02;
ive 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0;
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US 6346398.
Patent: US 6346398-A 1501 12-FEB-2002;
Location/Qualifiers
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Sequence 1970 from patent US 6346398.
AR186482
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ö PAT 20-APR-2002 PAT 17-AUG-2003 ö PAT 17-AUG-2003 1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1971 12-FEB-2002;
Location/Qualifiers 1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 656127-A 44 20.MAY-2003;
Location/Qualifiers There is and Escopedo, J. A., Stinchcomb, D.T. and Escobedo, J. Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 45 20-MAY-2003; Gaps Gaps ö . 0 0.6%; Score 12; DB 1; Length 17; 100.0%; Pred. No. 4.8e+02; Query Match 0.6%; Score 12; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 4.8e+02; Matches 12; Conservative 0; Mismatches 0; Indels linear 0; Indels linear linear JOURNAL

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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 514, 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 46 20-MAY-2003;
Location/Qualifiers
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100.0%; Pred. No. 4.8e+02;
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PAT 17-AUG-2003
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 516 20-MAY-2003;
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 4244 20-MaX-2003;
Location/Qualifiers
                                                                                                                                              Unclassified.

1 (bases 1 to 17)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 515 20-MAY-2003;
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Pred. No. 4.8e+02;
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6566127.
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  17 bp R1
Sequence 515 from patent US 6566127.
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AR326842
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                                                                 AR323113.1 GI:33708921
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Sequence 751 from Patent WO0159103.
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Sequence 5 from Patent W00175163.
AX299725
AX299725.1 GI:17129265
                                             AX215309.1 GI:15525352
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artificial sequences.
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AX393489
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Unclassified.
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Unclassified.
Pavoo,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pavoo,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 4814 20-MAY-2003;
Location/Qualifiers
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 4813 20-MAY-2003;
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tive 0; Mismatches 0; Indels
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Live 0; Mismatches 0; Indels
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ilarity 100.0%; Pred. No. 4.8e+02;
Conservative 0; Mismatches 0;
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/organism="unknown"
/mol_type="unassigned RNA"
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Sequence 4814 from patent
AR327412
AR327412.1 GI:33713220
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Best Local Similarity
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AR327411/c
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PAT 07-SEP-2001
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Momo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 751 16-AUG-2001;
RIBOZYME PHARMAGEUTICALE, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol type="unassigned DNA"
/mol type="unassigned DNA"
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/noFe="Synthetic Oligonucleotide"
                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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High throughput methods for haplotyping Patent: WO 01/75163-A 5 11-OCT-2001;
Polygenyx, Inc. (US)
RNA
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Sequence 37 from Patent W00206312.
AX393489
AX393489.1 GI:19701458
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AX674388/c
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AX422558
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Randi,A.M.
Mathod and reagent for the inhibition of erg
Patchot: WO 0188124-A 893 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 1018124-A 892 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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whittaker, P.A.
Whittaker, P.A.
Disesse-associated gene
Patent: WO 0206312-A 37 24-JAN-2002;
Location/Qualifiers
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Sequence 893 from Patent WO0188124.
AX422557
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 100.
Matches 12; Conservative
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 894 22-NOV-2001;
RIBOZYME PHRRMACEUTCALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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0.6%; Score 12; DB 1; Length 17;
100.0%; Pred. No. 4.8e+02;
iive 0; Mismatches 0; Indels
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Location/Qualifiers
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Homo sapiens
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PAT 08-MAY-2003
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                            Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 0; Mismatches 0;
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Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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AX728834.1 GI:30508177
                                    Homo sapiens (human)
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                 Telerman, A., Amson, R. and Tuljnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 2419 27-MAR-2003;
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Patent: WO 03025176-A 2853 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                     AX724732 17 bp DNA Sequence 2419 from Patent W003025176. AX724732
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Seguence 468 from Patent WO03025175.
AX728834
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Location/Qualifiers
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Patent: US 5833991-A 16 10-NOV-1998;
Location/Qualifiers
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0.6%; Score 12; DB 1; Length 24;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 5; Indels
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                                                                                        /organism='Unidentified' Location/Qualifiers
                  DNA
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INMUNE-EYADING PROTEINS
PREER: WO 9632483-A 10 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other publication AU 5284296 961030.
Location/Qualifiers
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    .24
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Sequence 10 from Patent WO9632483.
A57518
                                                                                                                           1. .18
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/organism="unknown"
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C12N15/00
Strandedness: Single;
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1 (bases 1 to 24)
Masucci,M.G.
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A57518/c
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 Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 3332 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                                                           0.6%; Score 12; DB 1; Length 17; 100.0%; Pred. No. 4.8e+02; ative 0; Mismatches 0; Indels
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1 (bases 1 to 18)
1 (bases 1 to 18)
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 62 02-JUL-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002519015-A/62
PP 02-JUL-2002
PP 17-JUN-1999 JP 2000557265
PR 26-JUN-1999 US 09/106038
PR 26-JUN-1999 US 09/106038
PR 26-JUN-1998 US 09/106038
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Antisense modulation of TNFR1 expression.
BD217439
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Baker,B.F. and Cowsert,L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007955-A 62 28-DEC-1999;
Location/Qualifiers
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/mol_type="unassigned DNA"
                                                                                                                               /organism="Homo sapiens"
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                     18 bp
Sequence 62 from patent US 6007995.
AR096391
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JP 2002519015-A/62.
unidentified
unidentified
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BD217439
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TITLE
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     AUTHORS
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PAT 29-SEP-1999

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Unknown.
Modlsesified.

1 (bases 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 5669553-A 315 09-FEB-1999;
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Unclassified.
1 (bases 1 to 15)
1 (bases 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 5869253-A 109 09-FRB-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 15;
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                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                 Indels
                                                                         1 (bases 1 to 15)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 323 05-AUG-1998;
BIOGNOSTIK GES (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.5%; Score 11.8; DB 1;
86.7%; Pred. No. 3.7e+02;
ative 0; Mismatches 2;
                                                                                                                                                                                                                                                Query Match 0.5%; Score 11.8; DB 1; Best Local Similarity 86.7%; Pred. No. 3.7e+02; Matches 13; Conservative 0; Mismatches 2;
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Sequence 109 from patent US 5869253.
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    .15
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    /db_xref="taxon:32644"

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 A90142.1 GI:6738656
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                                                                                                                                                                                                                                                                                                                               Isolated DNA encoding the FSEI restriction endonuclease and related methods for producing the same Patent: US 5543308-A 14 06-AUG-1996; Location/Qualifiers
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71.4%; Pred. No. 3e+02;
ive 3; Mismatches 1; Indels
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Query Match 0.6%; Score 12; DB 1; Length 24; Best Local Similarity 75.0%; Pred. No. 1.1e+03; Matches 15; Conservative 0; Mismatches 5; Indels
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unidentified
unclassified.
1 (bases 1 to 15)
Brysch,W. and Schlingensiepen,K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9813904-A 323 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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0.5%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2;
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    .15
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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/organism="unknown"
/mol_type="unassigned DNA"
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A88175
A88175.1 GI:6736745
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Sequence 14 from patent US 5543308.
                                                               1508 TGGAGCTGCTGGGACGCGTG 1527
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10; Conservative
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124382.1 GI:1604252
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Best Local Similarity
Matches 10; Conserva
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PAT 16-MAY-2001
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Ribosyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132667-A 443 17-0CT-2000;
Location/Qualifiers
                 Unklow...
Unclassified.
1 (bases 1 to 15)
1 Abaper.K.G.
Method and reagent for inhibiting hepatitis C virus replication Patent: US 6132966-A 315 17-OCT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 2081 27-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.5%; Score 11.8; DB 1;
86.7%; Pred. No. 3.7e+02;
tive 0; Mismatches 2;
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/organism="unknown"
/mol_type="unassigned DNA"
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AR113997
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Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 6132966-A 109 17-OCT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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i, Mismatches 2;
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Sequence 315 from patent US 6132966.
AR113371
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Sequence 109 from patent US 6132966.
AR113165

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, 86.7%; Pre.
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Unclassified.
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Matches 13; Conserv
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AR113165/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS

RESULT 661

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AR113371/c RESULT 662

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PAT 07-0CT-1997

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1 (bases 1 to 15)
Draper,K.G.
Enzymatic RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 315 11 MAR-1997;
Location/Qualifiers
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Unclassified.
E I (bases 1 to 15)
S Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
Rel a targeted ribozymes
AL Patent: US 5658780-A 125 19-AUG-1997;
Location/Qualifiers
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Stinchcomb.D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
Patent: US 5558780.A 80 19-AUG-1997;
Location/Qualifiers
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                                   Sequence 315 from patent US 5610054.
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Seguence 125 from patent US 5658780.
161571
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Sequence 80 from patent US 5658780.
161526.
161526.1 GI:2479474
                                                                                                                                                                                                                                            /organism="unknown"
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I61571/c
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I57778/c
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86.7%; Pred. No. 3.7e+02;
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artificial sequences.

(Dases 1 to 15)
Mizugaki,M., Tomioka,Y. and Hishinuma,T.
Synthetic necenzinostatin apoprotein generatene: 92 2000175897-A 16 27-JUN-2000;
SCIENCE & TECH AGENCY
OS Artificial Sequence
PN JP 2000175897-A/16
PD 27-JUN-2000
PF 16-DEC-1998 JP 1998358029
                                                                                                             Synthetic neocarzinostatin apoprotein gene.

    15. 15
    forganism="synthetic construct"
/moi type="genomic DNA"
/db_xref="taxon:32630"

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/organism="unknown"
/wol_type="unassigned DNA"
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JP 2000175687-A/16.
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1 (bases 1 to 15)
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743 ACACCGIGIGCACCI
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nes 13; Conserva
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Best Local Similarity
Matches 13; Conserv
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AR204608/c
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JOURNAL
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Unclassified.
1 (Dases 1 to 15)
Stinchcomb.D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
Rel a targeted ribozymes
Patent: US 5658780-A 349 19-AUG-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                            Unknown..
Unclassified.
1 (bases 1 to 15)
Stinchcomb,D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
Patent: US 5658780-A 223 19-AUG-1997;
Location/Qualifiers
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Sequence 245 from patent US 6333152.
AR180177
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Sequence 349 from patent US 5658780.
161795
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5658780.
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/organism="unknown"
/wol_type="unassigned DNA"
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/mol_type="unassigned DNA"
  /organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                Sequence 223 from patent US 5
161669
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Unclassified.
1 (bases 1 to 15)
West,M.D., Shay,J., Wright,W. and Blackburn,B.H.
Screening methods to identify inhibitors of telomerase activity
Patent: US 6368789-A 58 09-APR-2002;
Location/Qualifiers
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Unknown.
Unclassified.
Unclassified.
Unclassified.
Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 245 25-DEC-2001;
Location/Qualifiers
                                                                                                                                                                                                                                        0.5%; Score 11.8; DB 1; Length 15; 86.7%; Pred. No. 3.7e+02; tive 0; Mismatches 2; Indels
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1 (bases 1 to 15)
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Syntheric ribonucleic acids with RNAse activity Patent: US 6528640-A 128 04-MAR-2003;
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Sequence 128 from patent US 6528640.
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Sequence 58 from patent US 6368789.
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/organism="unknown"
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AR285756.1 GI:29723350
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PAT 14-DEC-2001
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Nucleic acid molecules, polypeptides and uses therefor, including diagnosis and treatment of albeimer's disease
Patent: WO 0175454-A 473 11-0CT-2001;
Oxford GlycoSciences (UK) Limited (GB) ; PFIZER INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   de Smet,K. and Stuyver,L.
Method for detection of drug-induced mutations in the hiv reverse
transcriptase gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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                                                                                                              Polymorphisms in the human hmg-coa reductase gene
Patent: WO 0079003-A 17 28-DEC-2000;
AstraZeneca UK Limited (GB)
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llarity 86.7%; Pred. No. 3.7e+02;
Conservative 0; Mismatches 2;
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Sequence 473 from Patent WO0175454.
AX319298

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                                                                                              March, R.E. and Thornton, S.M.
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sapiens (human)
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  Homo sapiens
Homo sapiens
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Matches 13; Conserv
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Patent: US 6551774-A 68 22-APR-2003;
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Patent: US 6617438-A 128 09-SEP-2003;
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86.7%; Pred. No. 3.7e+02;
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Sequence 128 from patent US 6617438.
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/organism="unknown"
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Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
lentivirus group.
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/mol_type="unassigned DNA"
/db_xref="taxon:12721"
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                                                                 /organism="Human immunodeficiency virus"
/mol_type="unassigned DNA"
/db_xref="taxon:12721"
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Pred. No. 3.7e+02;
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Pred. No. 3.7e+02;
0; Mismatches 2;
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Patent: WO 02055741-A 881 18-JUL-2002;
INNOGENETICS N.V. (BE)
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
Patent: WO 02055741-A 473 18-JUL-2002;
INNOGENETICS N.V. (BE)
Location/Qualifiers
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Sequence 881 from Patent WO02055741.
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/mol_type="unassigned RNA"
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Sequence 481 from Patent EP1260586.
AX633342.1 GI:28468956
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Matches 13; Conservative
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Woolf, \mathbf{T}. Method and reagent for inhibiting the expression of disease related
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Method and reagent for inhibiting the expression of disease related
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
0.5%; Score 11.8; DB 1;
86.7%; Pred. No. 3.7e+02;
tive 0; Mismatches 2;
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Patent: EP 1260586-A 3144 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Patent: EP 1260586-A 3033 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 3144 from Patent EP1260586.
AX636005
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Sequence 3033 from Patent EP1260586.
AX635894
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I (bases 1 to 15)
Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.
Enzymatic nucleic acid treatment of diseases or conditions related
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PR 27-APR-1999 US 60/083217,18-SEP-1998 US 60/100842 PR 25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 P1 LAWRENCE BLAIT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
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                                                                                                                                                                                                                                              unclassified
unclassified.
E 1 (bases 1 to 15)
S Schlingensiepen, K.H. and Brysch, W.
S Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
L Patent: JP 2001511000-A 323 07-AUG-2001;
BIOGNOSING GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS UNKNOWN
PN JP 2001511000-A/323
PN JP 2001511000-A/323
PN JP 2001511000-A/323
PN JP 200701511000-A/323
PN 31-JAN-1997 EP 97101531.8
PR 31-JAN-1997 EP 97101531.8
PR 31-JAN-1997 EP 97101531.8
PR 31-JAN-1997 EP 97101531.8
CC CLEXNES/11, COTRALLY 04, A618K31/70
CC AN antisense oligonucleotide preparation method FH Key
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30-JAN-1998 JP 1998532533
31-JAN-1997 BP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, CO7H21/04, AG1K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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An antisense oligonucleotide preparation method.
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86.7%; Pred. No. 3.7e+02;
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Patent: JP 2002512791-A 666 08-MAY-2002;
RIBOZYME PHRAMACEUTICALS INC
OS Hepatitis virus (hepatitis C virus)
PN JP 2002512791-A/666
PD 08-MAY-2002
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JP 2002512791-A/666.
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JP 2001511000-A/323.
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Method and reagent for inhibiting the expression of disease related
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                                                                                                                                                                                                                                                                                                                                                                            Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpelsky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcawiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.W., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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                      Indels
  Pred. No. 3.7e+02;
0; Mismatches 2;
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RIBOZYME PHARMACEUTICALS, INC. (US)
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RIBOZYME PHARMACEUTICALS, INC. (US)
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Seguence 3292 from Patent EP1260586.
AX636153
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EP1260586.
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/mol_type="unassigned RNA"
/db xref="taxon:32644"
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/db xref="taxon:32644"
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Sequence 3241 from Patent AX636102
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1 (Dases 1 to 15)

1 (Dases 1 to 15)

2 Blatt, L. Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

2 Blatt, L. Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

2 Blatt, L. Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

2 Blatt, L. Mcswiggen, J.A. 2188 08-MAY-2002;

3 Repairis C virus infection

3 Repairis C virus infection

4 RIBOZYME PHARMACEUTICALS INC

5 Repairis virus (hepatitis C virus)

5 No 08-MAY-2002

7 Ph 08-MAY-2002

8 Pr 26-APR-1999 US 60/083217, 18-SEP-1998 US 60/100842 PR

7 S-APR-1999 US 09/257608, 23-MAR-1999 US 09/274553 PI

1 AWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI

PAVCO,

PC CLINS/00, AGIR31/7105, AGIR38/21, AGIR48/00, AGIP31/12, CLINIS/09, PC CLINIS/00

CC ENZYMATIC mucleic acid treatment of diseases or conditions CC

CE BLYMATIC CLINIS/00
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Bnzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.
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unclassified.

1 (bases 1 to 15)

Blatt,L., Mcswiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
Patent: JP 2002512791-A 2273

RIBOZYME PHARMACEUTICALS INC
OS Hepatitis virus (hepatitis C virus)
PN JP 2002512791-A/2273

PD 08-MAY-2002
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                                                              BD208598 17-JUL-2003
Enzymatic nucleic acid treatment of diseases or conditions related
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llarity 86.7%; Pred. No. 3.7e+02;
Conservative 0; Mismatches 2;
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JP 2002512791-A/2273.
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Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Bnzymatic nucleic acid treatment of diseases or conditions related to hepaticis C virus infection

Patent: JP 2002512791-A 872 08-MAY-2002;

RIBOZYME PHARMACEUTICALS INC

OS Hepatitis virus (hepatitis C virus)

PN JP 2002512791-A/872

PD 08-MAY-2002

PD 08-MAY-2002

PP 26-APR-1999 US 60/083217, 18-SEP-1998 US 60/100842 PR 27-APR-1999 US 09/257608, 23-MAR-1999 US 09/274553 PI

LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
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A61K37/66,
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                              \ensuremath{\mathsf{Enzymatic}} nucleic acid treatment of diseases or conditions related to
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86.7%; Pred. No. 3.7e+02;
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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AUTHORS TITLE REFERENCE

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PAT 17-JUL-2003
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Peeters, B.P.H., Leeuw, O.S.D., Koch, G. and Gielkens, A.L.J.
Newcastle disease virus infectious clones, vaccines and diagnostic
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ID LELYSTAD INSTITUUT VOOR DIERHOUDERIJ EN DIERGEZONDHEID BV

Note of the second of the
                                                                                            Viruses; ssRNA negative-strand viruses; Mononegavirales;
Paramyxoviridae; Paramyxovirinae; Rubulavirus.
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Norberg, L. Torbjorn., Andersson, M.Kristina. and
Lindstrom, P. Harry. Rutger.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Newcastle disease virus"
/mol_type="genomic RNA"
/db_xref="taxon:11176"
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Pred. No. 3.7e+02;
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/mol_type="unassigned DNA"
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BD218299.1 GI:33028069
JP 2002518012-A/58.
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GIELKENS ARNOUD LEONARD JOSEF (NL); KOCH GUUS (NL); LEEUW OLAV SVEN
DE (NL); PEETERS BERNARDUS PETRUS HUBER (NL); STICHTING DIENST
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Newcastle disease virus infectious clones, vaccines and diagnostic
                                                                                                                   DENNIS MACEJAK
C12N9/00, A61K31/7105, A61K38/21, A61K48/00, A61P31/12, C12N15/09,
A61K37/66,
C12N15/00
                                                                                                                                                                                                                       Enzymatic nucleic acid treatment of diseases or conditions
PF 26-APR-1999 JP 2000545991
PR 27-APR-1999 US 60/108317,18-SEP-1999 US 60/100842 PR
25-FEB-1999 US 09/257608,23-WAR-1999 US 09/274553 PI
LAWRENCE BLATT,JAMES A MCSWIGGEN,ELISABETH ROBERTS,PAMELA A PI
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Newcastle disease virus
Viruses; StNA negative-strand viruses; Mononegavirales;
Paramyxoviridae; Paramyxovirinae; Rubulavirus.
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/note="'5'-end genomic RNA from NDV'"
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/mol_type="unassigned RNA"
/db_xref="taxon:11176"
1. .15
                                                                                                                                                                                                                       RNA
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/organism="unidentified"
/mol_type="genomic RNA"
/db xref="taxon:32644"
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                                                                synthetic construct
synthetic construct
artificial sequences.

[ bases 1 to 16)
Norberg, L.T., Andersson, M.K., Lindstrom, P.H.R. and Jonsson, L.
Genes for assessing cardiovascular status and compositions for use
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Genes for assessing cardiovascular status and compositions for use
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JP 2002527079-A/9
27-AUG-2002
13-OCT-1999 UP 2000576056
14-OCT-1999 US 60/104286,14-OCT-1998 US 60/104302
TORBJORN NORBERG, MARIA KRISTINA ANDERSSON, PER HARRY PI
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C12Q1/68,C12X15/09//G01N33/53,G01N33/566,C12X15/00
assessing cardiovascular status
compositions for
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Pred. No. 4.5e+02;
0; Mismatches 2; Indels
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Location/Qualifiers
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1 (bases 1 to 16)

Eckstein,F., Ludwig,J. and Beigelman,L.

Nucleic acid catalysts with endonuclease activity

Patent: US 6656731-A 303 02-DEC-2003;

Location/Qualifiers
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Pred. No. 4.5e+02;
0; Mismatches 2;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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                                                                                                                                                          Patent: JP 2002527079-A 9 27-AUG-2002;
PAIROSEAKENSINGU AB
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Sequence 303 from patent US 6656731.
AR436044
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/organism="unknown"
/mol_type="unassigned RNA"
                                                                                                                                                                                                                                                                                                                                      use thereof
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BD231245.1 GI:33041015
JP 2002527079-A/9.
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  PAT 16-NOV-2000
                                                                                                                                                                                                                       Genetic polymorphism and polymorphic pattern for assessing disease status, and compositions for use thereof
Patent: WO 0056922-A 9 28-SEP-2000;
NORBERG LEIF TORBJORN (SE); OLAISSON ERIK (SE); JONSSON LENA (SE); GEMINI GENOMICS AB (SE); LINDSTROM PER HARRY RUIGER (SE); SANDERS RHIANNON (SE)
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/organism="synthetic construct"
/wol_type="genomic DNA"
/db_xref="rexon:32630"
/noTe="an artificially synthesized oligonucleotide
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86.7%; Pred. No. 4.5e+02;
trive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                     /organism="synthetic construct"
/mol type="unassigned DNA"
/mol xref="taxon:32630"
/noEe="Oligonucleotide primer"
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Sequence 21 from Patent W003027322.
AX741117
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Sequence 15 from Patent WO03027322.
AX741111
Sequence 9 from Patent WO0056922.
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                                                               AX037384.1 GI:11226809
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AX741111
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Momo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                              Patent: WO 03040369-A 4228 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                   AX760907 17 bp DNA Sequence 4228 from Patent WO03040369.
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AX692597
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Location/Qualifiers
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AX729839.1 GI:30509182
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                                                                                                                                                                              Hepatocellular carcinoma-related genes and polypeptides, and method for detecting hepatocellular carcinomas Patent: WO 3027322-A 21 03-APR-2003;
The President of the University of Tokyo (JP) ; Oncotherapy Science, Inc. (JP)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BD075136 16 bp DNA linear PAT 27-AUG-2002 Methods for assessing cardiovascular status and compositions for use thereof.
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PF 01-APR-1997 US 60/042930
PI LEIF TORBJORN NORBERG, MARIA KRISTINA ANDERSSON, PER HARRY PI
KUTGER LINDSTROM
PC C12Q1/68, COX14/7/2, CO7K14/575, C12N9/48
CC Description of Artificial Sequence: PCR PRIMER FH Key
LOCATION/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db xxef="taxon:22630"
/noTe="an artificially synthesized oligonucleotide
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0.5%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2;

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    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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0.5%; Score 11.6; DB 1; Length 18; 77.8%; Pred. No. 6.9e+02; tive 0; Mismatches 4; Indels
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1 (bases 1 to 21)

Campbell,R.K., Jameson,B.A. and Chappel,S.C.
Dannest, Jameson,B.A. and Chappel,S.C.
Dannest, Jameson,B.A. and Chappel,S.C.
Datent: US 6194177-A 19 27-FBB-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                          Campbell, R.K., Jameson, B.A. and Chappel, S.C. Hybrid heterodiameric protein hormone Patent: US 6193972-A 19 27-FEB-2001; Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unknown"
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
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Sequence 19 from patent US 6194177.
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Sequence 6 from Patent WO9632483.
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ARI34771.1 GI:14123676
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Mavor,N. and Lederkremer,N.
Methods and kits for characterizing GC-rich nucleic acid sequences
Patent: US 6335165-A 9 01-JAN-2002;
                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                             Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Patent: WO 0056923-A 110 28-SEP-2000;
SIBSON ROSS (GB) ; CLATTERBRIDGE CANCER RES TRUST (GB)
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/noTe="PCR primer"
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Patent: WO 03025175-A 1473 27-MAR-2003;
Molecular Engines Laboratories (FR)
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   Homo sapiens
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PATENT: WO 9425578-A 102 10-NOV-1994;
BIOGNOSTIK GES (DE)
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                                           Ouery Match 0.5%; Score 11.6; DB 1; Length 29; Best Local Similarity 77.8%; Pred. No. 1.3e+03; Matches 14; Conservative 0; Mismatches 4; Indels
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                                                                                                                                                                                                                           DNA
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A40565
A40565.1 GI:2296600
                                                                                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 13)
Thompson, J.D. and Draper, K.G.
PML-RARA targeted ribozymes
Patent: IOS 5639655-A 7 17-JUN-1997;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 7 from patent US 5639655.
146914
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I46914/c
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A89090/c
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TITLE
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FEATURES
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artificial sequences.

1 (bases 1 to 29)
Brockhaus,M., Dembic,Z., Gentz,R., Lesslauer,W., Loetscher,H. and
Schlauger,E.J.
TWP-binding proteins
Patent: EP 0417563-A 23 20-MAR-1991;
F. HOFFMANN-LA ROCHE AG
Location/Qualifiers
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0.5%; Score 11.6; DB 1; Length 24;
Best Local Similarity 77.8%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 4; Indels
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Outlier 11.6; DB 1; Length 24;
Best Local Similarity 77.8%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 4; Indels
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/organism="synthetic construct"
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Patent: US 5833991-A 10 10-NOV-1998;
Location/Qualifiers
                                                                          Masucci, M.G.
IMMUNE-EVADING PROTEINS
PATENT: WO 9632483-A 6 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other Publication AU 5284296 961030.
Location/Qualifiers

    .24
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/db_xref="taxon:32644"

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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 10 from patent US 5833991.
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Masucci, M.G.
                            unidentified unclassified.
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Unclassified.
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Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 14)
Hanceak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
Imbach,J.Louis.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Imbach,J.Louis.
Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 56 14-SEP-1999;
Location/Qualifiers
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Patent: US 5952490-A 115 14-SEP-1999;
Location/Qualifiers
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                                                                                                      Length 14;
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   JOURNAL Patent: US 5952490-A 40 14-SEP-1999;
ATURES Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
                                                                   /mol_type="unassigned DNA"
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Sequence 56 from patent US 5952490.
AR074248
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      PAT 22-JAN-2000
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11/c.R. and Bidingmaier,S.
Use of viral Cis-acting post-transcriptional regulatory sequences to increase expression of intronless genes containing near-consensus splice sites
Patent: US 5744226-A 15 28-APR-1998;
Location/Qualifiers
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Hancak, R.C., Anderson, K.P., Bennett, C. Frank., Chiang, M.-Y., Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
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Oligonucleotides having a conserved G4 core sequence
                                                                                                                                                                                                                                                                                                                     Query Match 0.5%; Score 11.4; DB 1; Length 14; Best Local Similarity 92.3%; Pred. No. 3.8e+02; Matches 12; Conservative 0; Mismatches 1; Indels
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     linear
                                                                                                                  unclassified.

1 (bases 1 to 14)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PALENT: WO 9833904-A 1238 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DNA
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Sequence 1238 from Patent WO9833904. A89090.1 GI:6737660
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3 5952490.
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/mol_type="unassigned DNA"

    .14
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 15 from patent US 5744326.
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Seguence 40 from patent US
AR074232
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AR074232/c
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Schlingensiepen, G.-F., Brysch, W., Schlingensiepen, K.-H.,
Schlingensiepen, R. and Bogdahn, U.
Antisense-oligonucleotides for transforming growth factor-.beta.
                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 14)

Lin,K.-Y. and Matteucci, M.

Non-nucleoside linkers for convenient attachment of labels to oligonucleosides using standard synthetic methods

Patent: US 5414077-A 6 09-MAY-1995;

Location/Qualifiers
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Pred. No. 3.8e+02;
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                                                           linear
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DeYoung, M. Bech., Siwkowski, A.M. and Hampel, A.E. SArMV and scrwul hairpin ribozymes
Patent: US 5646031-A 15 08-JUL-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 11.4; DB 1;
Pred. No. 3.8e+02;
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 15 from patent US 5646031.
152192
152192.1 GI:2473393
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Seguence 6 from Patent US 5414077.
111801
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/organism="unknown"
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Best Local Similarity 92.3%;
Matches 12; Conservative (
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Ublases I to 14)
Short-chain oligonuclectide for inhibiting VEGF expression
Short-chain oligonuclectide for inhibiting VEGF expression
AVENTIS PHARMA DEUTSCHLAND GNBH
OS Artificial Sequence
PN UP 2002524038-A/78
PN UP 2002524038-A/78
PN UP AUG-2002
PP 29-JUL-1999 JP 2000563768
PP 29-JUL-1999 BE PP 98114883.9
PP 29-JUL-1999 BE PP 98114883.9
PP C12N15/09,A6IK31/711,A6IK31/7115,A6IK31/712,A6IK31/7125 PC
A6IRB13/12,A6IP17/16,A6IP27/02,A6IP29/00,A6IP3/00,
PC C12N15/09 AGIRS 1/11,A6IR31/7115,A6IK31/712,A6IK31/7125 PC
A6IP13/12,A6IP17/16,A6IP27/02,A6IP29/00,A6IP3/00,
PC C12N15/09 AGIRS 1/11,A6IR31/7115,A6IK31/712,A6IK31/7125 PC
A6IP13/12,A6IP17/16,A6IP27/02,A6IP29/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,A6IP3/00,
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Lin,K.-Y. and Matteucci,M.
Non-uncleoside linkers for convenient attachment of labels to
oligomucleotides using standard synthetic methods
Patent: US 5414077-A 1 09-MAY-1995;
Location/Qualifiers
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Short-chain oligonucleotide for inhibiting VBGF expression.
BD248259
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Description of Artificial Sequence: Antisense FH
Location/Qualifiers
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Pred. No. 3.8e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unknown"
                                                                                                                BD248259.1 GI:33058029
JP 2002524038-A/78.
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Lin,K.-Y. and Matteucci,M.
Anthraquinone-derivatives oligonucleotides
Patent: US 5214136-A 8 25-MAY-1993;
Location/Qualifiers
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Lin,K.-Y. and Matteucci,M.
Anthraquinone-derivatives oligonucleotides
Patent: US 5214136-A 11 25-MAY-1993;
Location/Qualifiers
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(TGF-.beta.)
Patent: US 6455689-A 102 24-SEP-2002;
Location/Qualifiers
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Sequence 8 from patent US 5214136.
AR363436
AR363436.1 GI:34425013
                                             1. .14
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                                                                                                    Query Match
Best Local Similarity 92.3
Matches 12; Conservative
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0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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Oligonucleotide having enhanced binding affinity
Patent: US 5486603-A 1 23-JAN-1996;
Location/Qualifiers
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                                                                                                    Unknoww.
Unclassified.
1 (bases 1 to 14)
Lin, K.-Y. and Matteucci, M.
Anthraquinone-derivatives oligonucleotides
Patent: US 5214136-A 16 25-MAY-1993;
              AR363444 14 bp
Sequence 16 from patent US 5214136.
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Sequence 2 from patent US 5486603.
AR365312
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Sequence 1 from patent US 5486603.
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                                         AR363444
AR363444.1 GI:34425021
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1 (bases 1 to 14)
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PAT 20-SEP-2000
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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Location/Qualifiers
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Oligonucleotides having a conserved g4 core sequence
Parent: EP 1016715-A 115 05-UUL-2000;
ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
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                                                                  AX032610 14 bp
Sequence 56 from Patent EP1016715.
AX032610
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Sequence 9 from Patent WO0063365.
AX040469
AX040469.1 GI:11230261
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Best Local Similarity 92.39
Matches 12; Conservative
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AX032610/c
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AX032669/c
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Antisense-oligomuclectides for the treatment of immuno-suppressive effects of transforming growth factor-b2(tgf-b2)
Patent: BP 1008649-A 102 14-JUN-2000;
BIOGNOSTIK GES (DE)
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bennett, C.F., Chiang, M.Y., Anderson, K.P., Hanecak, R.C. and
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Query Match
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Best Local Similarity 92.3%; Pred. No. 3.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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Patent: BP 1016715-A 40 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
Location/Qualifiers
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/db_xref="taxon:9606"
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Homo sapiens
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DEFINITION ACCESSION

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PAT 27-AUG-2002
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1 (Dases 1 to 14)
Pavco.P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 2427 02-APR-2002,
                                                                                                                                                                                                                                                                                            AUTHORS Schiugensiepen, K. H. and Brysch, W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 1238 07-AUG-2001;
MENT OS Unknown PP 2001511000-A 1238 B
D 07-AUG-2001
PP 30-JAN-1998 JP 1998632533
PR 31-JAN-1997 BP 9710157*
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92.3%; Pred. No. 3.8e+02;
tive 0; Mismatches 1; Indels
      1. .14
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/note="Description of unknown"
                                                                                                                                                                                                                                                                   An antisense oligonucleotide preparation method. BD066603.1 GI:22612206
UP COL511000-A/1238.
                                                                                                  0.5%; Score 11.4; DB 1;
92.3%; Pred. No. 3.8e+02;
ative 0; Mismatches 1;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                        Belotserkovskii, B., Reddy, G. and Zarling, D. Locked nucleic acid hybrids and methods of use Patent: WO 063355-9 9 26-0CT-2000; Pangene Corporation (US)
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92.3%; Pred. No. 3.8e+02;
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92.3%; Pred. No. 3.8e+02;
tive 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="teaxon:32630"
/note="Quadraplex forming DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="quadruplex forming DNA"
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Sequence 102 from Patent BP1160319.
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Sequence 17 from Patent WO0063365.
AX040477.
AX040477.1 GI:11230266
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Sases 1 to 14)
Schlingensiepen, R. H., Schlingensiepen, R. and Brysch, W.
A method for stimulating the immune system
L Patent: UP 2002217434-A 31 18-UUN-2002;
BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH
ON HOMO sapiens (human)
PD 18-UUN-2002
PP 10-UUN-1999 UP 2000553044
PR 10-UUN-1998 EP 98110709.7,25-UUL-1998 EP 98113974.4 PI
KRARL HERMANN SCHLINGENSIEPEN, REIMAR SCHLINGENSIEPEN, WOLFGANG PI
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PCR primer for detection of mutation in human WS gene by MASA.
E16620
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PC 00,A61P35/00,A61P37/02,C12N15/09,A61K37/02,C12N15/00 CC A
method for stimulating the immune system
FH Key Location/Qualifiers
1...14 | Journal Fr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 14)
Matsumoto, T., Goto, M. and Furuichi, Y.
DETECTION OF WUTATION IN PATHOGENIC GENE OF HUMAN WERNER SYNDROME
PAtent: JP 1992201498-A 25 04-AUG-1998;
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0.5%; Score 11.4; DB 1;
Best Local Similarity 92.3%; Pred, No. 3.8e+02;
Matches 12; Conservative 0; Mismatches 1;
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/organism="Homo sapiens"
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    /organism="unidentified"

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JP 1998201498-A/25
04-AUG-1998
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JP 1998201498-A/25.
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                DESTRUCTIONS (THE PROPERTY OF THE PROPERTY OF 
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.86+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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unclassified.
1 (bases 1 to 14)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 1276 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A method for stimulating the immune system. BD234927
BD234927
BD234927.1 GI:33044697
UP 2002517434-A/31.
Homo sapiens (human)
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/organism="unidentified"
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
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RIBOZYME PHARMACEUTICALS INC
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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PAT 06-MAR-1998
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLECTIDE PREPARATION METHOD
Patent: WO 9833904-A 379 06-AUG-1998;
BIOGNOSTIK GBS (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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92.3%; Pred. No. 4.7e+02;
iive 0; Mismatches 1;
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0.5%; Score 11.4; DB 1;
Best Local Similarity 92.3%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 1;
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ION CHANNEL
Patent: WO 9701577-A 29 16-JAN-1997;

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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                                                                                                 Sequence 29 from Patent WO9701577. A58881
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Location/Qualifiers
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Best Local Similarity 92.3
Matches 12; Conservative
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A90198/c .
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                Brysch, W., Schlingensiepen, K.H. and Schlingensiepen, R. A method for stimulating the immune system patent: WO 9963975-A 31 16-DEC-1999;
BIOGNOSTIK GES (DE) : BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
Location/Qualifiers
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Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 201111000-A 1276 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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O.5%: Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 31 from Patent W09963375.
AX008998.1 GI:9996372
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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31-JAN-1997 RP 97101531
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JP 2001511000-A/1276
07-AUG-2001
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JP 2001511000-A/1276.
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Homo sapiens
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TTTCTTTGTTTT 13
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Best Local Similarity 92.3
Matches 12; Conservative
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BD066641/c
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ORGANISM
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TITLE
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                                                                                                                                                                                                                                                                                                  Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 83 17-OCT-2000;
Location/Qualifiers
                Gaps
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
                0;
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Pred. No. 4.7e+02;
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Unclassified.
E 1 (bases 1 to 15)
S Stinchcomb.D.T., Jarvis.T. and McSwiggen,J.
Nucleic acid based inhibition of CD40
AL Patent: US 6194150-A 19 27-FEB-2001;
Location/Qualifiers
               1;
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             Mismatches
                                                                                                                                        Sequence 83 from patent US 6132967.
                                                                                                                                                                                                                                                                                                                                                                           /organism="unknown"
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Sequence 19 from patent US 6194150.
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AR131594.1 GI:14120497
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Best Local Similarity 92.3%;
Matches 12; Conservative
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
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Patent: US 5837542-A 83 17-NOV-1998;
Location/Qualifiers
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                                    1 (Daes 1 to 15)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 379 05-AUG-1998;
BIOGNOSTIK GES (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases I to 15)
Rabin,R.S., Jayasena,S.D. and Gold,L.
High affinity nucleic acid ligands of ICP4
Patent: US 5795721-A 7 18-AUG-1998;
Location/Qualifiers
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    .15
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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AR023609.1 GI:3976903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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AR023609
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Best Local Similarity 92.3
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                        PAT 17-JUL-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DAVID J LOCKHART, THOMAS RYDER, PAMELA SKLAR
C12Q1/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G01N33/53, PC
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artificial Sequences.

E 1 (bases 1 to 15)
S Fan,J.B., Hirschhorn,J.N., Huang,X., Kaplan,P., Lander,E.S.,
Lockhart,D.G., Ryder,T. and Sklar,P.
Universal arrays
L Patent: 10P 2002539849-A 283 26-NOV-2002;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH,AFFYMETRIX INC
OS Artificial Sequence
PN JP 2002539849-A/283
PP 27-MAR-2000 JP 2000608794
PR 26-MAR-1999 US 60/126473,23-JUN-1999 US 60/140359 PI
HUANG,PAUL KAPLAN,ERIC
PN SALANER.
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                             1 (bases 1 to 15)
Hiatt, A.C. and Rose, F.D.
De novo polymucleotide synthesis using rolling templates
Patent: US 6136588-A 57 24-OCT-2000;
Location/Qualifiers
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Location/Qualifiers
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0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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PI DAVID J LOCKHART, THOWAS RYDER, PAMELA SKLAR
PC C12Q1/68, C12M1/00, C12N15/09, C12N15/09, C12N15/00
G01N33/566,
PC G01N37/00, C12N15/00, C12N15/00
CC Primer
FT Key Location/Qualifiers
FT Source /organism='Artificial Sequ
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                        DNA
                                                                                                                                           /mol_type="unassigned DNA"
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/organism="unknown"
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synthetic construct
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Best Local Similarity 92.34
Matches 12; Conservative
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BD266283/c
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                                                                                                                                                                                                                                                                                                                              PI TAKASHI SUGITA,AKEMI NISHIKAWA,TAKAKO SHINODA PC
C12N15/09,C12Q1/04,C12Q1/68//(C12N15/09,C12R1:645),C12N15/00, PC
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T I cotation/Qualifiers
FT source
I ...15
/organism='Trichosporon aquatile',
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                                                                                                 Trichosporon.

1 (bases 1 to 15)
Takashi,S., Akemi,N. and Takako,S.
Species-specific detection method for trichosporon and novel
Dr. 2000.6064-A/96.
Trichosporon aquatile
Trichosporon aquatile
Trichosporon aquatile
Rukaryota; Fungi; Basidiomycota; Hymenomycetes;
Heterobasidiomycetes; Tremellomycetidae; Trichosporonales;
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/organism='Trichosporon aquatile'

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    .15
        Coganism="Trichosporon aquatile"
/mol type="genomic DNA"
/db_xref="taxon:82512"

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92.3%; Pred. No. 4.7e+02;
tive 0; Mismatches 1;
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Patent: JP 2000060564-A 96 29-FEB-2000;
IATRON LAB INC
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1 (bases 1 to 15)
Pogo, A.O. and Chaudhuri, A.

Patent: US 5578714-A 3 26-NOV-1996;
Location/Qualifiers
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Sequence 77 from patent US 5599706.
135109
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130018
130018.1 GI:1820809
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                                                                                                                                                                                                                                                                                          24-AUG-1998 JP 1998237060
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/organism="unknown"
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JP 2000060564-A/96
29-FEB-2000
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135109
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PAT 03-APR-1998
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VogeLstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 842 25-DEC-2001;
Location/Qualifiers
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Pogo, A.Oscar. and Chaudhuri, A.
Cloning of Guffy blood group antigen, gpD
Patent: US 5683696-A 3 04-NOV-1997;
Location/Qualifiers
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AR192945
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 3 from patent US 5683696.
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Best Local Similarity 92.3%;
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                                      Unknown.
Unclassified.
1 (bases 1 to 15)
Stinchcomb,D.T., McSwiggen,J., Newton,R.S. and Ramharack,R.
Ribozymes targeted to apo(a) mRNA
Patent: US 5599706-A 77 04-FEB-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 15)
Stinchcomb,D.T., McSwiggen,J., Newton,R.S. and Ramharack,R.
Ribozymes targeted to apo(a) mRNA
Patent: US 5599706-A 78 04-FBB-1997;
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Best Local Similarity 92.3%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 92.3%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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Stinchcomb,D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
Patent: US 5658780-A 224 19-AUG-1997;
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Sequence 78 from patent US 5599706.
I35110
I35110.1 GI:2088078
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Sequence 224 from patent US 5658780.
IG1670 G1:2479618
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/organism="unknown"
/wol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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Best Local Similarity 92.3%;
Matches 12; Conservative (
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1 (bases 1 to 15)
Pavco.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127.A 4089 20-MAY-2003;
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346399-A 8433 12-FEB-2002,
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Pred. No. 4.7e+02;
0; Mismatches 1; Indels
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92.3%; Pred. No. 4.7e+02;
ative 0; Mismatches 1;
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Pred. No. 4.7e+02;
                                                                                                                                                                                                                                                                   mRNA
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Sequence 4089 from patent US 6566127.
AR326687
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                                                                             /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 29 from patent US 6451554.
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                                                     Location/Qualifiers
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/organism="unknown"
/mol_type="mRNA"
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    15
    organism="unknown"

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Wood, J.N. and Akopian, A.N.
Ion channel
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Best Local Similarity 92.3%;
Matches 12; Conservative (
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Pred. No. 4.7e+02;
0; Mismatches 1; Indels
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                                                                                             M Unknown.
Unclassified.
E 1 (bases 1 to 15)
S Lin,K.-v. and Matteucci,M.
Anthraquinone-derivatives oligonucleotides
ALL Datent: US 5214136-A 1 25-MAY-1993;
Location/Qualifiers
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Lin,K.-Y. and Matteucci,M.
Anthraquinone-derivatives oligonucleotides
Patent: US 5214136-A 4 25-MAY-1993;
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1 (bases 1 to 15)

Lin,K.-Y. and Matteucci,M.
Anthraquinone-derivatives oligonucleotides
Patent: US 5214136-A 17 25-MAY-1993;
Location/Qualifiers
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Sequence 4 from patent US 5214136.
AR363429 15 bp
Sequence 1 from patent US 5214136.
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/mol_type="genomic DNA"
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1019 AAGAGGGGGAGCT 1031
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Bucciarelli,T., Levenson,V. and Primiano,T.
Methods and compositions for increasing protein yield from a cell
                                                                                Gaps
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Lin,X.-Y. and Matteucci,M.
Anthraquinone-derivatives oligonucleotides
Patent: US 5214136-A 18 25-MAY-1993;
Location/Qualifiers
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Location/Qualifiers
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Sequence 18 from patent US 5214136.
AR363446
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1. .15
/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/wol_type="genomic DNA"
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Unclassified.
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tes 12; Conserv
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Matches 12
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AR363446/c
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DEFINITION
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AX104724
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AR410157
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ORGANISM
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TITLE
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Patent: WO 0122990-A 129 05-APR-2001;
Coley Pharmaceutical Group, Inc. (US) ; UNIVERSITY OF IOWA RESEARCH
FOUNDATION (US)
Location/Qualifiers
                                                                                                                                                                        Krieg,A.M., Schetter,C. and Vollmer,J.C.
Immunostimulatory nucleic acids
Patent: WO 0122972-A 916 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
GmbH (DB)
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Methods related to immunostimulatory nucleic acid-induced
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Pred. No. 4.7e+02;
0; Mismatches 1; Indels
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide"

    .15
    forganism="synthetic construct"
|moi type="unassigned DNA"
|db_xref="taxon:32630"

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Sequence 485 from Patent WO0175454.
AX319310
Sequence 916 from Patent W00122972.
AX104724
AX104724.1 GI:13920921
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artificial sequences.
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artificial sequences.
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Best Local Similarity 92.3%;
Matches 12; Conservative
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AX632935.1 GI:28468549
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KEYWORDS
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Durham, K.L., Friedman, D.L., Herath, H.M., Kimmel, L.H., Parekh, R.B., Potter, D.M., Rohlff, C., Silber, B.M., Stiger, T.R., Sunderland, P.T., Townsend, R.R., White, F. and Williams, S.A.

Nucleic acid molecules, polypeptides and uses therefor, including diagnosis and treatment of alzheimer's disease

Patent: WO 0175454-A 485 11-OCT-2001;
Oxford GlycoSciences (UK) Limited (GB); PFIZER INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PAT 01-MAR-2003
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Methods and compositions for increasing protein yield from a cell
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                                                                                                                                                                                                   0.5%; Score 11.4; DB 1;
92.3%; Pred. No. 4.7e+02;
vative 0; Mismatches 1;
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ilarity 92.3%; Pred. No. 4.7e+02;
Conservative 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="tetracycline operator"
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/mol_type="unassigned DNA"
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Patent: WO 0216590-A 15 28-FEB-2002;
Clonex Development, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                   Sequence 15 from Patent W00216590. AX392412
                                                                                                            Location/Qualifiers
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    AUTHORS
                                                                            JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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0.5%; Score 11.4; DB 1;
Best Local Similarity 92.3%; Pred. No. 4.7e+02;
Matches 12; Conservative 0; Mismatches 1;
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: EP 1260586-A 74 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 3243 from Patent EP1260586.
AX636104
/db_xref="taxon:32630"
/note="Synthetic Sequence"
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/db_xref="taxon:32644"

    .15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

                                                                                                                                                                                                                                                                                                                                                                         Sequence 74 from Patent EP1260586.
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/organism="unidentified"
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
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T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
BMBO Rep. 3 (12), 1152-1157 (2002)
12446565
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Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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                                                                                                                                                                                                                                                                                                                 unclassified.

(Dases 1 to 15)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 379 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11,C07H21/04,A61K31/70
An antisense oligonucleotide preparation method FH
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                          0.5%; Score 11.4; DB 1; Length 15; 92.3%; Pred. No. 4.7e+02; ive 0; Mismatches 1; Indels
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92.3%; Pred. No. 4.7e+02;
iive 0; Mismatches 1;
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Location/Qualifiers
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AJS87714 1 GI:37937338
left border: T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana

    .15
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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JP 2001511000-A/379
07-AUG-2001
                                                                                    1140 CAGCTCCACCTAT 1152
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BD000162 BD000162.1 GI:18623241
JP 2000316590-A/8.
                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi;
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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artificial sequences.

I (bases 1 to 15)

Maximilian,R.A., Fort,T.L. and You,K.
Amplification and detection of Campylobacter coli
Campylobacter coli
BECTON DICKINSON & CO
SArtificial Sequence
PN JP 2000316590-A/8
PD 21-NOV-2000
PF 12-APR-2000 JP 2000110098
PR 12-APR-1999 US 09/289747
PI REI MAXIMILIAN,THOMAS L FORT,KIMIN YOU
PC C12N15/09,C12M1/00,C12Q1/68,C12N15/00
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Location/Qualifiers
     Length 15;
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Patent: WO 03030934-A 99 17-APR-2003;
QIAGEN GmbH (DE) ; University of Saskatchewan (CA)
Location/Qualifiers
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                                   Indels
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 Score 11.4; DB 1;
Pred. No. 4.7e+02;
0; Mismatches 1;
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92.3%; Pred. No. 4.7e+02;
Live 0; Mismatches 1;
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    15.
    /organism="synthetic construct"

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                                                                                                                                                                        Sequence 99 from Patent WO03030934. AX786608
                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                     Babiuk, L.A. and Hecker, R.
                                                                                                                                                                                                                         AX786608.1 GI:32954029
0.5%;
                                                              1027 GAGCTTGAAGGAA 1039
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Matches 12; Conserv
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Ledeboer, A.M., Kok, J., Venema, G. and Sanders, J.W.
SALT-INDUCIBLE PROMOTER DERIVABLE FROM A LACTIC ACID BACTERIUM, AND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone="313C04"
|clone_lib="Arabidopsis thaliana T-DNA insertion lines"
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                                                                                                                                                                                                                                                                                                                                                                                                             organism="Arabidopsis thaliana"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 11.4; DB 1;
Pred. No. 4.7e+02;

    15
/note="T-DNA flanking sequence

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                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic_DNA"
/cultivar="Wassillewskija"
/db_xref="taxon:3702"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/clone="PRIMER NS3-9"
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UNILEVER PLC (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16 bp
Sequence 7 from Patent WO9810080.
A70340.
A70340.1 GI:4774633
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1 Similarity 92.3%;
12; Conservative 0
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Best Local Similarity 92.33
Matches 12; Conservative
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Matches 12; Conserve
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1 (bases 1 to 16)
Sanders,J.W., Kok,J., Venema,G. and Ledeboer,A.M.
Salt-inducible promoter derivable from a lactic acid bacterium, and its use in a lactic acid bacterium for production of a desired
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 7032 20-MAY-2003;
Location/Qualifiers
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Lin, K.-Y. and Matteucci, M.
Anthraquinone-derivatives oligonucleotides
Patent: US 5214136-A 6 25-MAY-1993;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 11.4; DB 1;
Pred. No. 5.6e+02;
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Seguence 7032 from patent US 6566127.
AR329630
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Patent: US 6140078-A 7 31-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                          /mol_type="unassigned DNA"
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/mol_type="unassigned RNA"
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AR363434
AR363434.1 GI:34425011
Sequence 7 from patent US 6140078.
ARI17157
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                                         AR117157.1 GI:14098063
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Unknown.

ORGANISM

SOURCE

REFERENCE AUTHORS source

FEATURES

TITLE JOURNAL

RESULT 781 AX132933/c LOCUS

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SOURCE ORGANISM ACCESSION VERSION KEYWORDS

REFERENCE AUTHORS TITLE

RESULT 780
AR363442/c
LOCUS
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PAT 07-SEP-2001
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Wallach,D., Boldin,M., Mett,I. and Varfolomeev,E.
Modulator of INF/NGF superfamily receptors and soluble oligomeric
INF/NGF superfamily receptors
Patent: US 6579697-A 2 17-JUN-2003;
                                                                                                                                                                        Blatt, L., Mcswiggen, J. and Chowriza, B.M. Method and reagent for the modulation and diagnosis of cd20 and
                                                                                                                                                                                                    Mogo gene expression
Patent: WO 0159103-A 2378 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Norberg, L. Torbjorn., Andersson, M. Kristina. and
                                                                                                                                                                                                                                                                                          1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="teaxon:32630"
/note="Nucleic Acid"
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                     AX216936
Seguence 2378 from Patent W00159103.
AX216936
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Sequence 2 from patent US 6579697.
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/organism="unknown"
/mol_type="mRNA"
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                                                                         AX216936.1 GI:15526997
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                                                                                                                        synthetic construct artificial sequences.
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                                                                                                         synthetic construct
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Best Local Similarity
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye
                                                                       Gaps
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hairpin ribozyme recognition site for PCNA"
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                                   Length 16;
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92.3%; Pred. No. 5.6e+02;
tive 0; Mismatches 1; Indels
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Worknown.
Unclassified.

E 1 (bases 1 to 16)

K Lin,K.-Y. and Matteucci,M.
Anthraquinone-derivatives oligonucleotides

AND Patent: US 5214136-A 14 25-MAY-1993;
Location/Qualifiers

Location/Qualifiers
                               0.5%; Score 11.4; DB 1; 92.3%; Pred. No. 5.6e+02;
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Patent: WO 0130362-A 4151 03-MAY-2001;
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                                                                0; Mismatches
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Sequence 14 from patent US 5214136.
AR363442
/mol_type="genomic DNA"
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Location/Qualifiers
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                                                                                              1015 GAAAAGAGGGGG 1027
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                          Query Match 0.5%
Best Local Similarity 92.3%
Matches 12, Conservative
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Best Local Similarity 92.3
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                              artificial sequences.

1 (bases 1 to 16)
Norberg, L.T., Andersson, M.K., Lindstrom, P.H.R. and Jonsson, L. Genes for assessing cardiovascular status and compositions for use
                                                                                                                                                                                                                                                                                     BD231245 17-JUL-200: Genes for assessing cardiovascular status and compositions for use thereof.
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          Methods for assessing cardiovascular status and compositions for use thereof
Patent: US 6197505-A 9 06-MAR-2001;
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PF 13-OCT-1999 JP 2000576056

PR 14-OCT-1998 US 60/104286,14-OCT-1998 US 60/104302 PI

LEIF TORBJORN NORBERG, MARIA KRISTINA ANDERSSON, PER HARRY PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LINDSTROM,
PI LENA JONSON
PC C12Q1/68,C12N1S/09//G01N33/53,G01N33/566,C12N1S/00 CC Ge for assessitions for CC use thereof FH Key
CC use thereof FH Key
FT SOURCE
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Location/Qualifiers
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0.5%; Score 11.2; DB 1;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3;
                                                                                                                              Query Match

0.5%; Score 11.2; DB 1;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DRA"
/db_xref="taxon:32630"
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/organism="unknown"
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                                                         Location/Qualifiers
Lindstrom, P. Harry. Rutger
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OS Artificial Sequence
PN JP 2002527079-A/9
PD 27-AUG-2002
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BD231245/c
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AUTHORS
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                                                                            Genetic polymorphism and polymorphic pattern for assessing disease status, and compositions for use thereof
Patent: WO 0056922-A 9 28-SEP-2000;
NORBERG LEIF TORBOON (SE); OLAISSON ERIK (SE); JONSSON LENA (SE); SANDERS RHIANNON (SE); LINDSTROM PER HARRY RUTGER (SE);
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PN JP 2001519660-A/9
PN JP 2001519660-A/9
PD 23-CCT-2001
PF 01-APR-1998 JP 1998542530
PR 04-APR-1997 US 60/042930
PI LEIF TORBJORN NORBERG, MARIA KRISTINA ANDERSSON, PER HARRY PI RUTGER LINDSTROM
RUTGER LINDSTROM
PC C1201/68/CONK14/72,CO7K14/575,C12N9/48
CC Description of Artificial Sequence: PCR PRIMER FH Key Location/Qualifiers

Location/Qualifiers
/organism='Artificial Sequence'.
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1 (bases 1 to 16)
Norberg, L.T., Andersson, M.K. and Lindstrom, P.H.R.
Methods for assessing cardiovascular status and compositions for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BD075136 16 bp DNA linear PAT 27-AUG-20 Methods: for assessing cardiovascular status and compositions for use thereof.
BD075136
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                                          Norberg, L.T., Olaisson, E., Jonsson, L., Lindstrom, P.H. and
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/db_xref="taxon:3263"

    16. 16
    Arganism="synthetic construct" | mol_type="genomic DNA" | db_xref="taxon:32630"

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Patent: JP 2001519660-A 9 23-OCT-2001;
EURONA MEDICAL AB
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JP 2001519660-A/9.
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artificial sequences
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Best Local Similarity 81.2.
Best Local 3; Conservative
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Best Local Similarity 81.2
Matches 13; Conservative
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1 (bases 1 to 16)
Ueda,I., Niwa,M., Saito,Y., Sato,S., Ono,H. and Kitaguchi,T.
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synthetic construct
artificial sequences.

I bases 1 to 16)
Ueda,I., Niwa,M., Saito,Y., Sato,S., Ono,H. and Kitaguchi,T.
Process for production of gamma-interferon
Patent: EP 0176916-A 12 09-APR-1986;
PUJISAWA PHARMACEUTICAL CO., LTD
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                                                               synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 16)
Ueda.I., Niwa,M., Saitch,Y., Satch,S. and Yamada,H.
Process for production of somatostatin
Patent: EP 0197558-A 30 15-OCT-1986;
FUJISAWA PHARMACEUTICAL CO., LTD
Location/Qualifiers
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81.2%; Pred. No. 6.2e+02;
tive 0; Mismatches 3;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"

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/organism="synthetic construct"

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/db_xref="taxon:32630"
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A09424
Oligonucleotide (a6).
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Buchardt,O., Egholm,M., Nielsen,P.E., Berg,R.H. and Stanley,C.J.
USE OF NUCLEIC ACID ANALOGUES IN THE INHIBITION OF NUCLEIC ACID
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synthetic construct
artificial sequences.

1 (bases 1 to 16)
Ueda,I., Niwa,M., Satoh,S., Saitoh,Y. and Kusunoki,C.
Process for production of isulin-like growth factor I for production thereof
Patent: EP 0219814-A 45 29-APR-1987;
FUJISAWA PHARAGEUTICAL CO., LTD
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                                                                                                                        0.5%; Score 11.2; DB 1;
81.2%; Pred. No. 6.2e+02;
tive 0; Mismatches 3;
                                     1. .16
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Patent: WO 9355706-A 5 23-DEC-1993;
BUCHARDT OLE (DK)
Other publication AU 4323593 940104
Other publication AU 4323593 940104
Other publication AU 4323593 940100
Other publication RI 19334 960110
Other publication HU 71931 96025
Other publication FI 945725 941205
Other publication NO 944655 950203
Other publication OF 9501681T 960227.
Location/Qualifiers
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FUJISAWA PHARMACEUTICAL CO., LTD Location/Qualifiers
                                                                                                                                                                                                                                                                                                                              16 bp
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                                                                                                                                                                                                                                                                                                                                         Synthetic IGF-I gene oligo.
A35095
A35095.1 GI:1926754
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Best Local Similarity 81.2
Matches 13; Conservative
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A35095/c
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

RESULT 793 A52106/c LOCUS

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RESULT 794 A52107/c LOCUS DEFINITION ACCESSION

ORGANISM

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REFERENCE AUTHORS TITLE JOURNAL

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PAT 29-MAR-1999
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unidentified
unidentified
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1 (bassified)
2 'Cubarriver (bassified)
2 'Substitute (bass 1 to 16)
2 'Substitute (bassified)
3 'Substitute (bassified)
4 'Substitute (bassified)
5 'Substitute
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81.2%; Pred. No. 6.2e+02;
tive 0; Mismatches 3; Indels
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unclassified.
1 (bases 1 to 16)
Stuyver,L., Rossau,R. and Maertens,G.
METHOD FOR TYPING AND DETECTING HBV
PACENT: WO 9740193-A 9 30-OCT-1997;
INNOGENETICS NV (BE)
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/db_xref="taxon:32644"
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Sequence 641 from Patent WO9833904.
A88493
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Sequence 15 from Patent WO9746569.
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Sequence 9 from Patent WO9740193.
A66842.
A66842.1 GI:4538213

    16
    organism="unidentified"

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A88493/c
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1 Similarity 81.2%; Pred. No. 6.2e+02;
13; Conservative 0; Mismatches 3;
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Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3;
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Altmann,K.
6-SUBSTIPUED CARBOCYCLIC NUCLEOSIDES
Patent: WO 9619478-A 9 27-JUN-1996;
CIBA GEIGY AG (CH)
Other publication AU 4303996 960710.
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/organism="unidentified"
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Sequence 10 from Patent WO9619478.
A52107
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Sequence 9 from Patent WO9619478.
A52106
A52106.1 GI:2304718
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Matches 13; Conservative
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Best Local Similarity
Matches 13; Conserv
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Hawdon, J.M., Hotez, P.J. and Jones, B.F.
Nucleic acids encoding ancylostoma secreted protein
Patent: US 5753787-A 13 19-MAY-1998;
Location/Qualifiers
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Pred. No. 6.2e+02;
0; Mismatches 3;
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Sequence 25 from patent US 5871730.
AR035165.
AR035165.1 GI:5951833
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Nucleosides with 2'-O-modifications
Patent: US 5750673-A 7 12-MAY-1998;
Location/Qualifiers
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5753787.
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/mol_type="unassigned DNA"
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Sequence 7 from patent US 5750673.
AR007475.
AR007475.1 GI:3966959
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81.2%; Pred
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AR008570.1 GI:3967679
                 741 GAACACCGTGTGCACC 756
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Unclassified.
1 (bases 1 to 16)
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Best Local Similarity 81.2%
Matches 13; Conservative
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AR035165/c
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0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 16)

Brysch, W. D. and Schlingensiepen, K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 641 05-AUG-1998;
BIOGNOSTIK GES (DE)
Location/Qualifiers
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLECTIDE PREPRATION METHOD
Patent: WO 9833904-A 641 06-AUG-1998;
BIOGNOSTIK (SE (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLECTIDE PREPARATION METHOD Patent: WO 9833904-A 1576 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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0.5%; Score 11.2; DB 1;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3;
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Sequence 1576 from Patent WO9833904.
A89428
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Sequence 641 from Patent BP0856579.
A90460.
A90460.1 GI:6738974

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Location/Qualifiers
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Sidransky,D.
Nucleic acid mutation detection by analysis of sputum Patent: 18 5561041-A 32 01-OCT-1996;
Location/Qualifiers
Brzezinski,R., Dery,C.V. and Beaulieu,C.
Thermostable xylanase DNA, protein and methods of use
Patent: US 5871730-A 25 16-FEB-1999;
Location/Qualifiers
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/organism="unknown"
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    /mol_type="unassigned DNA"

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Sequence 10 from patent US 5969116.
AR080882.1 GI:10007611
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/wol_type="unassigned DNA"
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1 (bases 1 to 16)
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1 (bases 1 to 16)
Cook,P.D. and Sanghvi,Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression patent: US 5614617-A 40 25-MAR-1997;
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1 (Dases I to 16)

1 (Dases I to Sanghvi, Y.S.

Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression Patent: US 5614617. A 11 2-MAR-1997;

Location/Qualifiers
                                                                                                                                 Unclassified.

1 (bases 1 to 16)

1 (bases 1 to 16)

Cook, P.D. and Sanghvi, Y.S.

Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression

Patent: US 5614617-A 10 25-MAR-1997;

Location/Qualifiers
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tive 0; Mismatches 3;
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Sequence 40 from patent US 5614617.
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Sequence 11 from patent US 5614617.
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                                      Sequence 10 from patent US 5614617.
138650
138650.1 GI:2084704

    16
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I38651.1 GI:2084705
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1002 GAAATCGACACCTGAA 1017

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16 GAACGGACACCTGGA 1

Location/Qualifiers 1. .16 /organism="unknown"

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FEATURES

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1 (bases 1 to 16)
Sidransky,D.
Analysis of sputum by amplification and detection of mutant nucleic acid sequences
Patent: US 5726019-A 32 10-MAR-1998;
Location/Qualifiers
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                            PAT 07-0CT-1997
                                                                                                                                                                                                                                                                       1 (bases 1 to 16)
Tabor, S. and Richardson, C.C.
Method for sequencing DNA using a T7-type DNA polymerase and short oligonucleotide primers
Patent: US 5639608-A 30 17-JUN-1997;
Location/Qualifiers
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1 (Dases 1 to 16)
Scott,R.E.
cDNA encoding P2P proteins and use of P2P cDNA derived antibodies and antisense reagents in determining the proliferative potential of normal, abnormal, and cancer cells in animals and humans Patent: US 6368790-A 4 09-APR-2002;
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81.2%; Pred. No. 6.2e+02;
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Sequence 32 from patent US 5726019.
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/mol_type="unassigned DNA"
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Sequence 30 from patent US 5639608.
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Sequence 4 from patent US 6368790.
AR204614.
AR204614.1 GI:21501985
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/organism="unknown"
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DNA

138686 16 bp 1 Sequence 46 from patent US 5614617. 138686

I38686.1 GI:2084740

LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

RESULT 808 I38686/c

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Unknown.
Unklossified.

1 (Dases 1 to 16)
Cook,P.D. and Sanghvi,Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617.A 64 25-MAR-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                     Unknown.
Unknown.
Unclassified.
1 (bases 1 to 16)
Cook, P.D. and Sanghvi, Y.S.
Nuclease resistent, pyrimidine modified oligonucleotides that detect and modulate gene expression
Patent: US 5614617-A 46 25-MAR-1997;
Location/Qualifiers
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16 bp Sequence 64 from patent US 5614617. I38704.1 GI:2084758

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AUTHORS TITLE

REFERENCE

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1002 GAAATCGACACCTGAA 1017

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AUTHORS TITLE

REFERENCE

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Length 16;

PAT 18-DEC-2003

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1 (bases 1 to 16)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6029 20-MAY-2003;
Location/Qualifiers
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0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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Ecketein,F., Ludwig.J. and Beigelman,L.
Nucleic acid catalysts with endonuclease activity
Patent: US 6665731-A 176 02-DEC-2003;
Location/Qualifiers
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Patent: WO 0170982-A 137 27-SEP-2001;
Immusol Incorporated (US) ; Beger, Carmela (DE)
Location/Qualifiers
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0.5%; Score 11.2; DB 1;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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Sequence 6029 from patent US 6566127.
AR328627
AR328627.1 GI:33714435
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Sequence 176 from patent US 6656731.
AR435917
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    /mol_type="unassigned RNA"

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1 (bases 1 to 16)

1 (bases 1 to 16)

2 (bases 1 to 16)

Genda,M. and Kurth,J.

Genotyping the human phenol sulfotransferbase 2 gene STP2

Patent: US 6448003-A 15 10-SEP-2002;

Location/Qualifiers
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Aitman, T.J., Scott, J. and Stanton, L.W.
Compositions and methods of disease diagnosis and therapy
Patent: US 6322976-A 186 27-NOV-2001;
Location/Qualifiers
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Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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Sequence 186 from patent US 6322976.
AR261704
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/wol_type="genomic DNA"
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/organism="unknown"
         Location/Qualifiers
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AR261704
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REFERENCE AUTHORS TITLE JOURNAL

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Gaps

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PAT 10-OCT-2001

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AUTHORS REFERENCE

RESULT 818 AX456683/c LOCUS

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VERSION KEYWORDS SOURCE ACCESSION

REFERENCE AUTHORS

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FEATURES

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PAT 27-AUG-2002
                                                                                                                                                                                                                                                                                                        Mabilat,C., Desvarenne,S., Babola,O., Lacroix,B. and bello Pigem,N. Method for the detection and/or identification of the original animal species in animal matter contained in a sample Patent: WO 03057913-A 43 17-UUL-2003; BIO MERIEUX (FR)
                                                                                                      PAT 24-NOV-2003
                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
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Schlingensiepen, K.H. and Brysch, W.
An antisense olgonucleotide preparation method
Patent: JP 2001511000-A 641 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MEH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JP 2001511000-A/641
07-AUG-2001
30-JAN-1999 PP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, AGIK31/70
An arthisense oligomucleotide preparation method FH
Location/Qualifiers
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Unidentified
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Olivery Match
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Location/Qualifiers
                                                                                                      DNA
                                                                                                  AX801904 16 bp 1
Sequence 43 from Patent WO03057913.
AX801904
                                                                                                                                                                                                                                                                                                                                                                                                                                1. .16
/organism="Gallus gallus"
/mol_type="unassigned DNA"
/db_xref="taxon:9031"
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/organism="unidentified"
/mol_type="genomic DNA"
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                                                                                                                                                                                              Gallus gallus (chicken)
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        1 TCAGCTCCGCTCCAGG 16
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AUTHORS
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae,
                                                                                                    Gaps
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Patent: WO 0240668-A 89 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
Location/Qualifiers
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                                                        Query Match 0.5%; Score 11.2; DB 1; Length 16; Best Local Similarity 81.2%; Pred. No. 6.2e+02; Matches 13; Conservative 0; Mismatches 3; Indels
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81.2%; Pred. No. 6.2e+02;
tive 0; Mismatches 3; Indels
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/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                        DNA
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Antisense oligomuclectides against vrl
Patent: WO 0219407-A 155 07-MAR-2002;
Gruenenthal GmbH (DE)
Location/Qualifiers

    .16
    /organism="Rattus norvegicus"
/mol type="unassigned DNA"
/db_xref="taxon:10116"

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Sequence 155 from Patent WO0218407.
AX456683.1 GI:21715570
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AX530366
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                                                                                                                                                                                                                                                                                                                                                                    Rattus norvegicus (Norway rat)
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                                                                                                                                  1036 GGAACTACTAGTAAGC 1051
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synthetic construct
artificial sequences.
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Best Local Similarity
Matches 13; Conserv
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DEFINITION ACCESSION VERSION KEYWORDS

RESULT 819

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SOURCE ORGANISM

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JP 2001321190-A/1692
20-NOV-2001
E1-MAR-2001 JP 2001068285
ETICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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Method of detecting norwalk-like virus (GII)
Patent: WO 0229120-A 12 11-APR-2002;
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Patent: JP 2001321190-A 1692 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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                                                                                                     Length 16;
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/organism='Artificial Sequence'
Location/Qualifiers
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Method of detecting norwalk-like virus (GII).
BD167561
                                                                                                ch 0.5%; Score 11.2; DB 1; 1 Similarity 81.2%; Pred. No. 6.2e+02; 13; Conservative 0; Mismatches 3;
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81.2%; Pred. No. 6.2e+02;
tive 0; Mismatches 3;

    16 / Organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

    16. 16
    ^organism="synthetic construct"
/mol_type="genomic DNA"
    /db_xref="taxon:32630"

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Norwalk-like virus
Viruses; ssRNN positive-strand viruses,
Caliciviridae; Norovirus.
1 (bases 1 to 16)
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clone.
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           Location/Qualifiers
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A method of arraying genome
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synthetic construct
artificial sequences.
1 (bases 1 to 16)
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JP 2001321190-A/26
20-NOV-2001
12-MAR.2001 JP 2001068285
BIICHI SOEDA
CI2NI5/09,CI2NI5/09,CI2NI/00,CI2QI/68,G0IN33/53,G0IN33/566,
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A method of arraying genome clone
Patent: JP 2001321190-A 26 20-NOV-2001;
FIE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/26
PD 20-NOV-2001
PP 12-MAR-2001
PP 112-MAR-2001
PP ISICHI SOEDA
PC C12N15/09,C12N15/09,C12N1/68,G01N33/53,G01N33/51
                                                                                                                                                                                            unclassified.

(bases 1 to 16)
Schlingensiepen, K.1. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 1576 07-AUG-2001,
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
                                                                                                                                                                                                                                                                                      Unknown
JP 2001511000-A/1576
O7-AUG-2001
30-JAN-1998
JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.5%; Score 11.2; DB 1; Length 16; Best Local Similarity 81.2%; Pred. No. 6.2e+02; Matches 13; Conservative 0; Mismatches 3; Indels
                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                             BD066941

16 bp DNA linea
                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Unknown'
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001321190-A/26.
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artificial sequences.
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GGACACTGTGTACACC
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KEYWORDS
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BD087782
LOCUS
DEFINITION
ACCESSION
KERYWORDS
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                                                          RESULT 822
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AUTHORS
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à ПP COMMENT

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Submission
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AJ595030.1
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AUTHORS
TITLE
JOURNAL
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VERSION
KEYWORDS
                                                   RESULT 827
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E 1 (Dases 1 to 16)
S Yokoya,F., Okutsu,T., Mori,M., Yoshiyuki, Takahara, Fukuda,H.,
Aburateani,H. and Sonaka,I.
Gene panel for genes involving liver regeneration
L Patent: WO 02077222-A 52 03-OCT-2002;
AJINOMOTO CO INC,FUMIHIKO YOKOYA,TOMOHISA OKUTSU,MAIKO MORI,
YOSHIYUKI TAKAHARA,HISAO FUKUDA,HIROYUKI ABURATANI,ICHIRO SONAKA
OS Artificial Sequence
PD 03-OCT-2002
PD 03-OCT-2002
PP 13-MAR-2002 WO 2002JP002372
PR 13-MAR-2001 JP 01P 070940
PI FUMIHIKO YOKOYA,TOMOHISA OKUTSU,MAIKO MORI,YOSHIYUKI PI
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   INC, TSUTOMU KAGEYAMA, SHIGEYUKI KOJIMA, SHUETSU FUKUSHI, FUMINORI
BML INC, TSUTOMU KAGEYAMA, SHIGEYUKI KOJIMA, SHUETSU FUKUSHI, FUMINO)
HOSHINO, KAZUHIKO KATAYAMA
OS NOrwalk-like Virus (GII)
PN WO 0229120-A/12
PD 11-ARR-2002
PP 28-MAR-2001 WO 2001JP002542
PR 29-SEP-2000 WO 2001JP002542
PR 29-SEP-2000 JP 00P 300724
PI TSUTOMU KAGEYAMA, SHIGEYUKI KOJIMA, SHUETSU FUKUSHI, FUMINORI
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                                                                                                                                                                                                                                                                                                                                                                                                             'organism='Norwalk-like Virus (GII)'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OS Artificial Sequence
PN WO 02077222-A/52
PD 03-077222-A/52
PF 13-MAR-2002 WO 2002JP002372
PF 13-MAR-2001 UP 01P
PN 13-MAR-2001 UP 01P
PN 13-MAR-2001 UP 01P
PN 13-MARAA, HISAO FUKUDA,
PN HIRVOYUKI ABURATANI, ICHIRO SONAKA
PC CI2N15/09, C12Q1/68, G01N33/15, G01N33/50, G01N37/00 CC
Description of Artificial Sequence: primer
FN Key
FT source
/organism='Artificial Sequence'.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 16;
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BD178714
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                                                                                                                                                                                                                                                                                          C12Q1/70, G12N15/40, C12Q1/68
Method of detecting norwalk-like virus (GII)
Key
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.5%; Score 11.2; DB 1;
llarity 81.2%; Pred. No. 6.2e+02;
Conservative 0; Mismatches 3;

    16. 16
    \(\frac{1}{2}\) organism="synthetic construct"
    \(\mathbb{m}\) Lype="genomic DNA"
    \(\dar{d}\) \(\dar{d}\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1. .16
/organism="Norwalk-like virus"
/mol_type="genomic_DNA"
/db_xref="taxon:95340"
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WO 02077222-A/52.
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Best Local Similarity
Matches 13; Conserv
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Best Local Similarity
Matches 13; Conserv
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ACCESSION
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KEYWORDS
SOURCE
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AJ595030 16 bp DNA linear PLN 23-OCT-2003
Arabidopsis thaliana T-DNA flanking sequence, left border, clone
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           PAT 16-APR-2003
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Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Bukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechlodd, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences
                                                                                                                                                                                                                                                   Yokoya,F., Okuten,T., Mori,M., Yoshiyuki, Takahara, Fukuda,H.,
Aburatani,H. and Sonaka,I.
Aburatani,H. and Sonaka,I.
Bene panel for genes involving liver regeneration
Patent: MO 02077222-A 80 03-OCT-2002,
AJINOMOTO CO INC,FUMIHIKO YOKOYA,TOMOHISA OKUTSU,MAIKO MORI,
YOSHIYUKI TAKAHARA,HISAO FUKUDA,HIROYUKI ABURATANI,ICHIRO SONAKA
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PI HIROYUKI BURAATHAI, ICHIRO SONAKA

PI HIROYUKI BURAATHAI, ICHIRO SONAKA

C C12M15/09, C12Q1/68, G01N33/15, G01N33/50, G01N37/00 (B05Cription of Artificial Sequence: primer

FR Key

L. clocation/Qualifiers

T. forganism='Artificial Sequence'.
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16 bp DNA linear
Gene panel for genes involving liver regeneration.
BD178742
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Pred. No. 6.2e+02;
0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
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EMBO Rep. 3 (12), 1152-1157 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13-MAR-2002 WO 2002JP002372
13-MAR-2001 JP 01P 070940
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WO 02077222-A/80
03-OCT-2002
                                                                                          BD178742.1 GI:30016009
WO 02077222-A/80.
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synthetic construct
artificial sequences.
1 (bases 1 to 16)
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Best Local Similarity 81.27
Matches 13, Conservative
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Balzergue, S.
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Best Local Similarity 81.2
Matches 13; Conservative
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ACCESSION
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AX692598
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        Gaston Cremieux, 91057 Evry cedex, FRANCE per was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versaillee). The DNA fragment(s) resulting from the per were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.info.infobiogen.fr).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AB068017 16 bp DNA linear SYN 21-WAY-2003 Synthetic construct DNA, reverse primer for human STS sts-D1S2845 at 1p36.
AB068017
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/note="reverse primer for human STS sts-DIS2845 at 1p36
sts-DIS2845 obtained from clones B188E17, B188F17,
B113E11, B168F9, B111P5, B103H6, B28E15, B160F22, Human
BAC library RPCI-11"
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Direct Submission
Submitted (04-MUG-2001) Akira Horii, Tohoku University School of Submitted (04-MUG-2001) Akira Horii, Tohoku University Sendai, Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Myagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tea:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                            /organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Wassillewskija"
/db_xref="wassillewskija"
/db_xref="wassillews"
/clone="410A08"
/clone="410A08"
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/db_xref="taxon:32630"
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/note="T-DNA flanking sequence
left border"
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artificial sequences.
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Matches 13; Conserv
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PUBMED
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DB 1; Length 16;

0.5%; Score 11.2;

Query Match

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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                              Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
patent. WO 155103-A 1806 16-AUG-2001;
RIBOZYME FHARMACBUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Pred. No. 7.3e+02;
0; Mismatches 3;
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81.2%; Pred. No. 6.2e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db xref="taxon:32630"
/noTe="Nucleic Acid"
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                                                                                                                                                                                       RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5330 from Patent BP1281758. AX692598

    1.17
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    /db_xref="taxon:9606"

                                                                                                                                                                               AX216364 17 bp RN Sequence 1806 from Patent WO0159103. AX216364
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Location/Qualifiers
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Best Local Similarity 81.2%;
Matches 13; Conservative
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synthetic construct
artificial sequences.
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BD234554 117-JUL-2003
Antisense modulation of expression of cellular inhibitor of apoptosis-2.
BD234554.1 GI:33044324
JP 2002531102-A/36.
Synthetic construct
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                                                                                                                                                                  PC
                                                      OS Unidentified
PN UP 200219015-A/66
PN UP 200219015-A/66
PN 17-20N-1999 UP 2000557265
PP 17-30N-1998 US 09/106038
PI BRENDA F BAKER, LEX M COMSERT
PC CI2N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00,
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Bennett,C.Frank., Ackermann,E.J. and Cowsert,L.M.
Antisense modulation of cellular inhibitor of Apoptosis-2
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0.5%; Score 11.2; DB 1; Length 18;
Best Local Similarity 81.2%; Pred. No. 8.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                               ce 1..18 /organism='Unidentified'
Location/Qualifiers
                                                                                                                                                                                                                                        Topology: Linear;
Antisense modulation of TNFR1 expression
Antisense modulation of TNFR1 expression Patent: JP 2002519015-A 66 02-JUL-2002; ISIS PHARMSCOTICALS INC OS Unidentified PN JP 2002519015-A/66 PD 02-JUL-2002 PF 17-JUN-1999 JP 2000557265 PR 26-JUN-1998 US 09/106038 PI BRENDA F BAKER, LEX M COWSERT
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Location/Qualifiers
1. 18
/ organism="unknown"
/mol_type="unassigned DNA"
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Sequence 36 from patent US 5958771.
AR076322.
AR076322.1 GI:10003068
                                                                                                                                                                                                                                                                                                                                    1. .18
/organism="unidentified"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                     Strandedness: Single;
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PC C12N15/00
CC Strandednes
CC Topology: L
CC Antisense m
FH Key
FT source
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BD234554/c
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                                              PAT 08-MAY-2003
                                                                                                                         Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                            Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
medicines
Patent: WO 03025175-A 2 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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0.5%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 18)

Baker,B.F. and Cowsert,L.M.

Antisense inhibition of TNFR1 expression

Patent: US 6007995-A 66 28-DEC-1999;

Location/Qualifiers
                                                 DNA
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/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 66 from patent US 6007995.
AR096395
                                              AX728368 17 bp
Sequence 2 from Patent WO03025175.
AX728368 AX728368.1 GI:30507711
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1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
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JP 2002519015-A/66.
unidentified
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BD217443
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SOURCE
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TITLE
                    RESULT 832
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Query Match

0.5%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 1.1e+03;
Matches 13; Conservative 0; Mismatches 3; Indels
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0.5%; Score 11.2; DB 1; Length 19;
Best Local Similarity 81.2%; Pred. No. 9.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
                                                       Length 18;
                                                                                                                                                                                                                                                                  linear
                                                                                           3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdc25 hs ribozyme binding site"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                   ch 0.5%; Score 11.2; DB 1;
1 Similarity 81.2%; Pred. No. 8.4e+02;
13; Conservative 0; Mismatches 3;
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IMMUSOL, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                AX132309 19 bp DP Sequence 3527 from Patent W00130362. AX132309.1 GI:14136614
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Sequence 72 from Patent WO0230974.
AX527818
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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artificial sequences.
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                                                                                                                                   74 GAGAGGAGGGGAGAGA 89
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                                                         Query Match
Best Local Similarity
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AX527818
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TITLE
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C12N15/09, C07B61/00, C07B61/00, C12Q1/68, G06F17/30, G06F17/50, PC
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       artificial sequences.

E 1 (bases 1 to 18)
S Bennett,F.C., Ackermann,E.J. and Cowsert,L.M.
Antisense modulation of expression of cellular inhibitor of
Antisense modulation of expression of cellular inhibitor of
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002531102-A/36
PD 24-SEP-1999 JP 200585449
PR 03-DEC-1999 US 09/205144
PR 03-DEC-1999 US 09/205144
PI FRANK C BENNETT,ELIZABETH J ACKERMANN,LEX M COWSERT PC
CIZNIS/09,A61K31/7115,A61K31/7125,A61K31/7125,A61K31/713,A61K48/ PC
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synthetic construct
synthetic construct
1 (bases 1 to 18)
Cowsert, L. M., Baker, B. F., Mcneil, J., Freier, S. M., Sasmor, H. M.,
Erooks, D.G., Obasi, C., Wyatt, J.R., Borchers, A. H. and Vikkars, T. A.
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H
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PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 P
LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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Location/Qualifiers
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Patent: JP 2002511276-A 186 16-APR-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002511276-A/186
PD 16-APR-2002
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    .18
    forganism="synthetic construct"
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|db_xref="taxon:32630"

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JP 2002511276-A/186.
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BD250632/c
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Proteins and mucleic acids encoding same parent: WO 0230974-A 72 18-APR-2002;
Curagen Corporation (US)
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                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Robbins,J.M. and Tritz,R. Ribozyme therapy for the treatment of proliferative skin and eye
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1 (bases 1 to 24)
Masucci,M.G.
Glycine-containing sequences conferring invisibility to the immune
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0.5%; Score 11.2; DB 1; Length 24;
Best Local Similarity 81.2%; Pred. No. 1.3e+03;
Matches 13; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                    Query Match 0.5%; Score 11.2; DB 1; Length 21; Best Local Similarity 81.2%; Pred. No. 1.1e+03; Matches 13; Conservative 0; Mismatches 3; Indels
                                                          /organism='Artificial Sequence' Location/Qualifiers
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                 Location/Qualifiers
                                                                                                                    1.21
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Location/Qualifiers
1. 24
/organism="unknown"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Masucci, M.G.
IMMUNE-EVADING PROTEINS
PATENT: WO 9632483-A 8 17-OCT-1996,
MASUCCI MARIA GRAZIA (SE)
Other publication AU 5284296 961030.
Location/Qualifiers
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AR052982
AR052982.1 GI:5977844
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Sequence 8 from Patent WO9632483.
A57516
A57516.1 GI:3713374
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S JP 200236438-A/37.

Synthetic construct

synthetic construct

synthetic construct

artificial sequences.

CE Hikchi, Y. Shintani, Y. and Matsui, H.

RS Hikchi, J. Shintani, Y. and Matsui, H.

Call differentiating agent

AL Patent: JP 2002356438-A 37 13-DEC-2002;

TAKEDA CHEMICAL INDUSTRIES LTD

OS Artificial Sequence

PP J-DEC-2002

PP J-DEC-2002

PP J-DEC-2002

PP J-DEC-2002

PP J-FEB-2002

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NO 202066049-A/37

PD 29-AUG-2002

PF 21-FEB-2001 WO 2002JP001536

PR 23-FEB-2001 JP 01P 049450

PI YUKIKO HIKICH1, YASIKH1 SHITANI, HIDEKI MATSUI PC

AG1R38/17, AG1R31/711, AG1K48/00, AG1P43/00, AG1P21/00, AG1P21/04, PC

AG1R15/00,

PC C12M15/12, C07K14/47

CC Primer Location/Qualifiers

FH Key 1. .21

FT source /organism='Artificial Sequence'.
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synthetic construct
artificial sequences.

1 [Dases 1 to 21)
Hikichi,Y., Shintani,Y. and Matsui,H.
Periplastic converting agent
Patent: WO 02066049-A 37 29-AUG-2002;
TAKEDA CHEMICAL INDUSTRIES LTD, YUKIKO HIKICHI, YASUSHI SHINTANI,
HIDEKI MAISUI
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    .21
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|db_xref="taxon:32630"

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Cell differentiating agent
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WO 02066049-A/37.
                              1557 GGAGGACATCGAGGAG 1572
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                               Hofmann, K., Conradt, M. and Petersohn, D.
Method for determining skin stress or skin ageing in vitro
Patent: WO 02023773-A 1302 11-JUL-2002;
HENKEL KGAA (DE)
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 922 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 640 from Patent WO02053774.

    .11
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Masucci,M.G.
Glycine-containing sequences conferring invisibility to the immune
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81.2%; Pred. No. 1.3e+03;
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Sequence 1302 from Patent WO02053773.
AX471725 AX471725 AX471725.1 GI:22206850
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IMMUNE-EVADING PROTEINS
PATENT: WO 9632483-A 3 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other Publication AU 5284296 961030.
Location/Qualifiers
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/mol_type="unassigned DNA"
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Location/Qualifiers
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/db_xref="taxon:32644"
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Sequence 5 from patent US 5833991.
AR052977.1 GI:5977839
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Sequence 3 from Patent WO9632483.
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Gaps

/organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"

11; Conservative 752 GCACCTGCCAT 762

Query Match Best Local Similarity Matches 11; Conserv

11 GCACCTGCCAT 1

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PAT 21-FEB-2003
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                               Petersohn, D., Conradt, M. and Hofmann, K.
Method for determining homeostasis of the skin
Petant: WO 0205374-A 7346 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DB)
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AX631302.1 GI:28459348
                              11 bp DN.
Sequence 7346 from Patent WO02053774.
AX630305
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/organism="Homo sapiens"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels
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Method for determining homeostasis of the skin
Petent: WO 20153774-A 6078 11-UTL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02053774-A 2649 11-JUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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0.5%; Score 11; DB 1; Le 100.0%; Pred. No. 2.2e+02; tive 0; Mismatches 0;

Best Local Similarity

Matches

Query Match

1100 CCCTGGGCTTC 1110 11; Conservative

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1 CCCTGGGCTTC 11

RESULT 850

AX629037

LOCUS

1. .11 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"

source

FEATURES

DNA

Sequence 2649 from Patent WO02053774. AX625608

RESULT 849
AX625608
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE

AX625608.1 GI:28453549

Homo sapiens (human)

Homo sapiens

ORGANISM

REFERENCE AUTHORS TITLE

JOURNAL

AX629037 11 bp DNA Sequence 6078 from Patent W002053774. AX629037 GI:28457075

Homo sapiens (human)

DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

Homo sapiens

REFERENCE AUTHORS TITLE

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997 TGTGGGAAATC 1007

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OS Artificial Sequence
PN JP 2002524038-A/72
PD 06-AUG-2002
PP 29-JUL-1999 JP 2000563768
PR 07-AUG-1998 BP 98114853.9
PR 07-AUG-1998 BP 98114853.9
PT CIZNIS/09, A6IR31/711, A6IR31/7115, A6IR31/712, 
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Unclassified.

(bases 1 to 12)

Schlessinger, J., Givol, D., Bellot, F., Kris, R., Ricca, G.A.,
Cheadle, C. and South, V.J.

Monoclonal antibodies specific to human epidermal growth factor receptor and therapeutic methods employing same
Patent: US 6217866-A 8 17-APR-2001;
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Short-chain oligonucleotide for inhibiting VEGF expression.
BD248253
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SPD24028-24038-A/72.
Synthetic construct
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1 (Dases 1 to 12)
Uhlmann,E., Peyman,A., Bitonti,A. and Woessner,R.
Bort-chain oligonucleotide for inhibiting VEGF expression
Patent: JP 2002524038-A 72 06-AUG-2002;
AVENTIS PHARMA DEUTSCHLAND GMBH
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Mismatches 0;
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Sequence 8 from patent US 6217866.
AR145523
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/organism="unknown"
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           Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                      Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeosrasis of the skin patent: WO 2023774-48 8344 11-UUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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ilarity 100.0%; Pred. No. 2.9e+02;
Conservative 0; Mismatches 0;
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Synthetic nucleotide plasmid 3' fragment.
A20716.1 GI:1246965
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Sequence 10 from Patent WO9842867.
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Firth, G.
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AUTHORS TITLE JOURNAL FEATURES

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RESULT 854

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ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS

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AR049801
AR049801.1 GI:5971793
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                                                                                                                                 Unclassified.
1 (bases 1 to 14)
Georgopoulos, K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1272 GAAGTGGGAGG 1282
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PN JP 2001299398-A/19
PD 30-OCT-2001
PP 25-APR-2000 JP 2000123755
PI KOICHI NISHIGAKI, TSUTOWU TAKASAWA, KEIICHI HAMANO PC
C12Q1/69, C12N15/09, G01N21/64, G01N27/447, G01N27/447, G01N33/50 CC
FH Key Location/Qualifiers.
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1 (bases 1 to 12)
Feldman, M., Gray, P.W., Turner, M.J.C. and Brennan, F.M.
TINF alpha receptor-derived binding protein
Patent: US 5633145-A 55 27-MAY-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.5%; Score 11; DB 1; Length 12; 100.0%; Pred. No. 2.9e+02; cive 0; Mismatches 0; Indels
0.5%; Score 11; DB 1; Length 12;
100.0%; Pred. No. 2.9e+02;
.ive 0; Mismatches 0; Indels
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BD062294
BD062294.1 GI:22607899
DP 2001299398-A/19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 12)
Nishigaki,K., Takasawa,T. and Hamano,K.
Method for identifying organism by genotype
Patent: JP 2001299398-A 19 30-OCT-2001;
                                                                                                                                                                                                                                                                                                                            1. .12
/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                               143812 12 bp
Sequence 55 from patent US 5633145.
143812 143812.1 GI:2468910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local Similarity 100.0
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            Best Local Similarity 100.
Matches 11; Conservative
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                                                     909 TTTCTTTGGTC 919
                                                                        2 TTTCTTTGGTC 12
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Unclassified.
1 (bases 1 to 14)
DeYoung, M. Beth., Siwkowski, A.M. and Hampel, A.E. SArMv and sCYMVI hairpin ribozymes
Patent: US 5646031-A 6 08-JUL-1997;
                                                                                                                                                                                                                                                                                            Query Match
0.5%; Score 11; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 11; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.
1 (Dases 1 to 14)
Georgopoulos, K.
IKaros: A T cell pathway regulatory gene
Patent: US 6228611-A 104 08-MAY-2001;
Location/Qualifiers
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Patent: US 5824770-A 104 20-OCT-1998;
Location/Qualifiers
Ak049801
Sequence 104 from patent US 5824770.
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Sequence 104 from patent US 6228611.
AR149695.
AR149695.1 GI:15114286
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/wol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 6 from patent US 5646031.
152183 1 GI:2473384
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RESULT 863

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AUTHORS TITLE JOURNAL FEATURES

REFERENCE

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PAT 03-DEC-1993
                                                          PAT 27-AUG-2002
                                                                                                                                   JP 2001101981-A/184.
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
Corymebacterinae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
                                                                                                                                                                                                                                                                                                                                              OS Mycobacterium tuberculosis
PN JP 2001103981-A/184
PD 17-ARR-2001
PF 26-JUL-2000 JP 2000225985
PI SADAHIKO SUZUKI, MICHIO NIEHIDA, SOICHIRO TAKENISHI PC
C12N15/09, C12N15/09, C12M1/00, C12Q1/68/(C12Q1/68, C12R1:32), PC
(C12Q1/68, C12R1:325), (C12Q1/68, C12R1:335), C12N15/00, C12N15/00, CC
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/organism='Mycobacterium tuberculosis'.
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ive 0; Mismatches 0; Indels
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    14
/organism="Mycobacterium tuberculosis"

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Diagnosis kit of tubercle bacillus
Pateni. pp 2001103981-A 184 17-APR-2001;
NISSHINBO IND INC,SYSTEM RESEBARCH CO LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="unassigned DNA"
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artificial sequences.
1 (bases 1 to 15)
Ikehara,M. and Kida,M.
Synthetic gene for human lysozyme
Patent: EP 0181634-A 42 21-MAY-1986;
Takeda Chemical Industries, Ltd
                                                    Diagnosis kit of tubercle bacillus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/db_xref="taxon:1773"
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Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium
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Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 185 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation (JP)
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1 (bases 1 to 14)
Georgopoulos, K.
Isolated antibody that binds to an Ikaros polypeptide
Patent: Uso 6330141-A 104 07-OCT-2003;
Location/Qualifiers
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                                                      ch 0.5%; Score 11; DB 1; Length 14; 1 Similarity 100.0%; Pred. No. 4.7e+02; 11; Conservative 0; Mismatches 0; Indels
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/organism="Mycobacterium tuberculosis"
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Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 11; Conservative 0; Mismatches 0;
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Sequence 104 from patent US 6630141.
AR404824
AR404824.1 GI:40153551
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organism="unknown"
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PAT 13-MAY-1997
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1 (bases 1 to 15)

1 tinchcomb.D.T., McSwiggen,J., Newton,R.S. and Ramharack,R. Stinchcomb.D.T., McSwiggen,J., Newton,R.S. and Ramharack,R. Stibozymes targeted to apo(a) mRNA
Patent: US 5599706-A 186 04-FEB-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                 Original Control of Swiggen, J., Newton, R.S. and Ramharack, R. Stinchcomb, D.T., McSwiggen, J., Newton, R.S. and Ramharack, R. Ribozymes targeted to apo(a) mRNA
Patent: US 5599706-A 185 04-FEB-1997;
Location/Qualifiers
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100.0%; Pred. No. 5.8e+02;
7ative 0; Mismatches 0;
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Seguence 144 from patent US 5616488.
139106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
/organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 100.
Matches 11; Conservative
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Unclassified.
1 (Dasse 1 to 15)
Stinchcomb,D.T., McSwiggen,J., Newton,R.S. and Ramharack,R. Ribozymes targeted to apo(a) mRNA
Patent: US 5599706-A 184 04-FEB-1997;
Location/Qualifiers
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2 (Stinchcomb,D.T., McSwiggen,J., Newton,R.S. and Ramharack,R.
Stinchcomb,D.T., McSwiggen,J., Newton,R.S. and Ramharack,R.
Ribozymes targeted to apo(a) mRNA
Patent: US 5599706-A 183 04-FEB-1997;
Location/Qualifiers
                                                                                                                                                                           1 (bases 1 to 15)
Crooke, S.T., Mirabelli, C.K., Ecker, D.J. and Cowsert, L.M.
Antisense oligonucleotide inhibition of papillomavirus
Patent: US 5457189-A 24 10-OCT-1995;
Location/Qualifiers
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Sequence 183 from patent US 5599706.
135215
135215.1 GI:2088183
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Sequence 184 from patent US 5599706.
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Sequence 24 from patent US 5457189.
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115052.1 GI:1249960
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135216.1 GI:2088184
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                           Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
                                                                                                                                                                                                                                                                                                                        Suzuki,Y., Nishida,M. and Takenishi,S.
Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 174-FEB-2001,
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
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    ^organism="Mycobacterium tuberculosis"
    ^mol_type="unassigned DNA"
    ^xref="taxon:1773"
    ^note="capture"

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Best Local Similarity 84.6%; Pred. No. 5.8e+02;
Matches 11; Conservative 1; Mismatches 1.
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Haplotypes of the adrb3 gene
Patent: WO 0208425-A 17 31-JAN-2002;
Genalssance Pharmaceuticals, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
 Mismatches
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Sequence 17 from Patent W00208425.
AX362583
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Sequence 17 from Patent EP1076099.
AX139169.1 GI:14274642
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Mycobacterium tuberculosis
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Nakahama, K., Kaisho, Y. and Yoshimura, K.
Method for increasing gene expression using protease deficient
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                                                      Unchassified.
Unclassified.
1 (bases 1 to 15)
Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
IL-5 targeted tibozymes
Patent: US 5616488-A 144 01-APR-1997;
Location/Qualifiers
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Crooke, S. T., Mirabelli, C. K., Ecker, D. J. and Cowsert, L. M. Antisense oligonucleotides directed to papillomavirus Patent: US 5681944-A 24 28-OCT-1997;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 11; Conservative 0; Mismatches 0;
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Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
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                                                                      Method and reagent for inhibiting the expression of disease related
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Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria, Actinobacteria, Actinobacteridae; Actinomycetales;
Corynebacterinae; Mycobacteriaceae; Mycobacterium
tuberculosis complex.
Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cases 1 to 15)
| Suzuki,S., Nishida,M. and Takenishi,S. |
| Suzuki,S., Nishida,M. and Takenishi,S. |
| Suzuki,S., Nishida,M. and Takenishi,S. |
| Diagnosis kit of tubercle bacillus |
| Patent: JP 2001103991-A17 |
| NISSHINBO IND INC,SYSTEM RESEARCH CO LTD |
| Nycobacterium tuberculosis |
| Patent: JP 200103991-A/17 |
| Catent: JP 20
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                                                                                                                           Patent: EP 1260586-A 2484 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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Diagnosis kit of tubercle bacillus.
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/db xref="taxon:1773"
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JP 2001103981-A/17.
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                                                                                                                                                                                                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
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Patent: WO 0198537-A 288 27-DEC-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                          DNA
                                                                                                                                                                                                                                                                          Choi,J.Y., Kazemi,A. and Koshy,B. Haplotypes of the nfkbib gene Patent: WO 0212497-A 23 14-FEB-2002; Genaissance Pharmaceuticals, Inc. (US)
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Sequence 2484 from Patent EP1260586.
AX635345
                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 288 from Patent WO0198537.
AX419951
                        AX377222 15 bp
Sequence 23 from Patent WO0212497.
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Best Local Similarity 84.6%;
Matches 11; Conservative
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PAT 06-FEB-2001
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome patent: US 6537751-A 7262 25-MAR-2003;
Location/Qualifiers
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0.5%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 5; Indels
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/organism="Hepatitis B virus"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                Sequence 7262 from patent US 6537751.
AR295527.1 GI:31682811
       1. .18
/organism="Medicago sativa"
/mol_type="genomic DNA"
/db_xref="taxon:3879"
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Sequence 44 from Patent W00104358.
AX076068
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/mol_type="genomic DNA"
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Hepatitis B virus
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1 (bases 1 to 15)

Blatt,L., Mcswiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infections

RIBOZYME PHARMACEUTICALS INC
OS Hepatitis virus (hepatitis C virus)
PD 08-MAY-2002
PP 26-APR-1999 US 60/0084291
PR 27-APR-1999 US 60/100842 PR
25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
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bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots;
rosids, eurosids I; Fabales, Fabaceae, Papilionoideae, Trifolieae,
                                                                                                                                                                                                                                                                                                                     CI2N9/00, A61K31/7105, A61K38/21, A61K48/00, A61P31/12, C12N15/09,
A61K37/66,
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A method to identify and breed corn with increased kernel oil connectration to identify and breed corn with increased kernel oil connectration of the patent: JP 2001517951-A,93
BY JP 2001517951-A,93
BY JP -CCT-2001
BF 19-MAR-1998 JP 199854487
BR 19-MAR-1997 US 60/041515
BY C1201/68
CC Strandedness: Single;
CC Topology: Linear;
FH Key
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/organism='Hepatitis virus (hepatitis C

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Key Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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BD061276.1 GI:22606882
JP 2001517951-A/93.
Medicago sativa
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1 (bases 1 to 18)
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PAT 14-MAR-1995
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     PAT 11-DEC-2001
                                                                                                                                                     Rosendahl, M.S., Cox, G.N. and Doherty, D.H.
Methods for refolding proteins containing free cysteine residues
Patent: Wo 0187925-A 36 22-Nov-2001;
Bolder Biotechnology, Inc. (US)
Location/Qualifiers
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METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TRANSCRIPTASE GENE
PATENT: WO 9727332-A 89 31-JUL-1997;
INNOGENETICS NV (BE)
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85.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 2;
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                                                                                                                                                                                                                                                                 /organism="synthetic construct"
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/nofc="primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1..14
/organism="synthetic construct"
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/db_xref="taxon:32630"
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 24 bp
Sequence 36 from Patent W00187925.
AX306718
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1 (bases 1 to 14)
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                                 MAM 29-NOV-1996
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                                                                                                                                              Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria: Carnivora, Fissipedia, Canidae, Canis.
I (bases 1 to 20)
Francisco., V., Langston, A.A., Mellersh, C.S., Neal, C.L. and Ostrander, E.A.
A class of highly polymorphic tetranucleotide repeats for canine genetic mapping
Mamm. Genome 7 (5), 359-362 (1996)
8661717
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0
            Canis familiaris (clone 2017R) DNA, STS primer.
L78584
L78584
L78584.1 GI:1372873
Genetic marker; microsatellite; tetranucleotide repeat.
Canis familiaris (dog)
Entaryora.
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0.5%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 5; Indels
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/mol_type="genomic DNA"
/db xref="taxon:9615"
/clone="2017R"
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AXS98452
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AX598452.1 GI:28398628

RESULT 886 AX598452/c

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synthetic construct synthetic construct artificial sequences.

ORGANISM

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11; Conservative 790 TGTGTCTCCTG 800 18 TGTGTCTCCTG 8

Matches

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Query Match Best Local Similarity

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REFERENCE AUTHORS /note="2017R"

primer bind

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Location/Qualifiers
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Best Local Similarity 85.7%
Matches 12; Conservative
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unclassified.
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A90282
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METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TRANSCRIPTAGE GENE
PACENT: WO 9727332-A 129 31-JUL-1997;
INNOGENETICS NV (BE)
Other publication AU 1444397 19970820.
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0.5%; Score 10.8; DB 1; Length 1
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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unclassified.
1 (bases 1 to 14)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLENGINE PREPARATION METHOD
PATENT: WO 9833904-A 463 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Other publication AU 1444397 19970820.
Location/Qualifiers

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A64341
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A88315
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Matches 12, Conservative
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85.7%; Pred. No. 5.3e+02;
ttive 0; Mismatches 2; Indels
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Brysch, W. and Schlingensiepen, K.
Brysch, W. and Schlingensiepen, K.
AN ANTIESENSE OLICONUCLEDEDTIDE PREPARATION METHOD
PATENT: WO 9833904-A 1480 06-AUG-1998;
BICGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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unclassified.
1 (Jases 1 to 14)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 463 05-AUG-1998;
BIOGNOSTIK GES (DE)
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                                                                                                                                   Sequence 1480 from Patent WO9833904.
A89332
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Sequence 324 from patent US 5861244.
AR030135
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A90282.1 GI:6738796
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  909 TTTCTTTGGTCTTT 922
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PAT 16-MAY-2001
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I (Dases I to 14)
Toyosato, M. Kesting Apolitoprotein E Genotype and Primer and Probe Sultrable FOR TESTING Apolitoprotein E Genotype and Primer and Probe Patent: JP 1992320700-A 8 11-NOV-1992;
NIPPON SHOLI KESTING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SHOJI KK
OS Artificial gene
OC Artificial sequence; Genes.
PN JP 199230700-A/8
PD 11-NOV-1992
PF 17-APR-1991 JP 1991112435
PI TOYOSATO MITSUYOSHI, KOSAKA TETSUYA, MIZUNO KOJI PC C1201/68, CO7H21/04, C12N15/11, G01N33/50; CC topology: Linear;
FH Key
FT allele
FT
                                                                                                                                                                                                                                               1 (bases 1 to 14)
Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.
Antisense nucleic acid compound targeted to VEGF
Patent: US 615092-A 101 21-NOV-2000;
Location/Qualifiers
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0.5%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 5.3e+02;

Matches 12; Conservative 0; Mismatches 2; Indels
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Allele-specific probe for the apolipoprotein E gene.
E03997
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Sequence 101 from patent US 6150092.
AR118975
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JP 1992320700-A/8.
synthetic construct
synthetic construct
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                                   1 GGGGGCTTACCACA 14
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Unclassified.
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1 (bases 1 to 14)
Lieven, S., Joost, L. and Rudi, R.
Method for detection of drug-induced mutations in the reverse transcriptase gene
Patent: US 6087093-A 89 11-JUL-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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Lieven, S., Joost, L. and Rudi, R.
Method detection of drug-induced mutations in the reverse
transcriptuse gene
Patent: US 6087093-A 129 11-JUL-2000,
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          Unclassified.

1 (bases 1 to 14)

1 (bases 1 to 14)

Wang, C. G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 324 19-JAN-1999;

Location/Qualifiers
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Sequence 129 from patent US 6087093.
AR102640.1 GI:12814228
                                                                                                                                            /mol_type="unassigned DNA"
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Sequence 89 from patent US 6087093.
AR102600.1 GI:12814188
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Process for detection of new polymorphic loci in a DNA sequence,
nucleotide sequences forming hybridization probes and their
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/organism='Artificial sequences'
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DeYoung,M.Beth., Siwkowski,A.M. and Hampel,A.E.
SARWY and GYTWVI hairpin ribozymes
Patent: US 5646031-A 17 08-UUL-1997;
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85.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 2;
             anti-sense: Yes;
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applications
Patent: US 5556855-A 21 17-SEP-1996;
Location/Qualifiers
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/organism="unidentified"
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/db_xref="taxon:32644"
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/organism="unknown"
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/organism="unknown"
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OC Artificial sequence, Genes.
PN JP 199230700-A/12
PD 11-NOV-1992
PF 17-APK-1991 UP 1991112435
PI TOYOSATO MIZUNO KOJI PC C12Q1/68,C07H21/04,C12N15/10,C12N15/11,G01N33/S0, CC Strandedness: Single,
CC topology: Linear;
FH Key
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FH allele replace(9,ax)
FT allele.
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05-JUL-1995 JP 35P 279752
MATSUDA YOKO, UCHIDA KIYOSHI
C12N15/09.C07H21/02,C07H21/04//C12Q1/68;
strandedness: Single;
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/note='epsilon 7 allele'
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Matsuda, Y. and Uchida, K.
PREPARATION OF ANTISENSE NUCLEIC ACID
PACHET: JP 1997154579-A 3 17-JUN-1997;
TOAGOSEI CO LID
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JP 1997154579-A/3.
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Unclassified.
Unclassified.
Lieven,S., Joost,L. and Rudi,R.
Method for detection of drug-induced mutations in the reverse
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85.7%; Pred. No. 5.3e+02;
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Unclassified.

1 (bases I to 14)

S Abher, N., Tikochinsky, Y. and Ellington, A.
Catalytic nucleic acid and methods of use
AL Patent: US 6387617-A 5 14-MAY-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                       Query Match
0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 2;
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US 6331389.
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Patent: US 6331389-A 89 18-DEC-2001;
Location/Qualifiers
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AR262903
AR262903.1 GI:28074606
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/organism="unknown"
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                                                                                    AR209822 14 bp
Sequence 5 from patent US 6387617.
AR209822
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/organism="unknown"
/mol_type="genomic DNA"
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Sequence 129 from patent AR262943
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884 CCACAGTGCTGTTG 897
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Akhtar, S., Fell, P. and McSwiggen, J.A.
Brymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors
Patent: US 6623962-A 1842 23-SBP-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 14)
Mark,D.F.
Quantitation of nucleic acids using the polymerase chain reaction
Patent: US 5219727-A 63 15-JUN-1993;
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Lieven, S., Joost, L. and Rudi, R. Method for detection of drug-induced mutations in the reverse transcriptuse gene Patent: US 6331389-A 129 18-DEC-2001;
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85.7%; Pred. No. 5.3e+02;
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85.7%; Pred. No. 5.3e+02;
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AR363595
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DEFINITION

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/mol.type="unassigned DNA"
/db_xref="taxonis2630"
/nofe="oligomuclectide capable of binding specifically
mecA gene or RNA derived from said gene"
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Oligonucleotides and method for detection of meca gene of
methicillin-resistant Staphylococcus aureus
Patent: EP 1160333-A 17 05-DEC-2001;
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85.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 5.3e+02;
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/mol_type="unassigned DNA"
/db_xref="traxon:32630"
/note="primer"
                                                                                                                                       van Haeringen,W.A. and van Haeringen,H.
Universal variable fragments
Patent:Wo 0164948-A 24 07-SEP-2001;
Dr. van Haeringen Laboracorium B.V. (NL)
Location/Qualifiers
                         DNA
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                     Sequence 24 from Patent WO0164948.
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/mod_base=i
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Best Local Similarity 85.73
Matches 12; Conservative
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Best Local Similarity 85.77
Matches 12, Conservative
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AX306860
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AX306858
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PAT 29-NOV-2002
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Method for detection of drug-induced mutations in the hiv reverse
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Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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85.7%; Pred. No. 5.3e+02;
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/organism="Human immunodeficiency virus"

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Oligonucleotides and method for detection of
methicillin-resistant Staphylococcus aureus
Patent: EP 1160333-A 19 05-DEC-2001;
Posoh Corporation (JP)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/nofc="primer"
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Patent: WO 20255741-A 462 18-JUL-2002;
INNOGENETICS N V. (BE)
Location/Qualifiers
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Sequence 462 from Patent W002055741.
AX572422 GI:26004512
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AX572842
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/db_xref="taxon:12721"
Sequence 19 from Patent EP1160333.
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                                         AX306860.1 GI:17894682
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de Smet,K. and Stuyver,L.
method for detection of drug-induced mutations in the hiv reverse
transcriptase gene
Patent: WO 02055741-A 882 18-JUL-2002;
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synthetic construct
artificial sequences.
1 (bases 1 to 14)
**Sathaboto T., Niwa, S., Mori, Y., Sachiyo, Mimaki, Fukushima, R. and
**Sathaboto T., Niwa, S., Mori, Y., Sachiyo, Mimaki, Fukushima, R. and
**Sathaboto T., Niwa, S., Mori, Y., Sachiyo, Mimaki, Fukushima, R. and
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SUMITOWO ELECTRIC INDUSTRIES LTD
OS Artificial Sequence
PN 3P 2001275678-A/166
PD 09-0CT-2001
PF 31-MAR-2000 JP 2000096306
PI TOSHIHATC MISHIMOTO, SHINICHIRO NIWA, YUKO MORI, SACHIYO PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                              BD064954 11near PAT 27-AU Method for detecting the extent of binding of transcriptional regulatory protein to oligoDNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 KAZUKO NISHIKAWA
C12N15/09,C12N5/10,C12Q1/00,C12Q1/68,C12N15/00,C12N5/00
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                                                                                                                      /organism="Human immunodeficiency virus"
/mol_type="unassigned DNA"
/db_xref="taxon:12721"
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Location/Qualifiers
                                                                                                                                                                                         0.5%; Score 10.8; DB 1;
85.7%; Pred. No. 5.3e+02;
iive 0; Mismatches 2;
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85.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 2;

    .14
    'organism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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                                                                 INNOGENETICS N.V. (BE)
Location/Qualifiers
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JP 2001275678-A/166.
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MIMAKI,REI FUKUSHIMA,
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                                                                                                                                                                                                                                                            793 GICTCCTGTAGTAA 806
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Best Local Similarity 85.79
Matches 12, Conservative
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Best Local Similarity 85.7
Matches 12; Conservative
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PC C12N15/09,
Synthetic DNA
FH Key
FT SOURCE
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LOCUS
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BD064954/c
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KEYWORDS
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            1 (bases 1 to 14)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonuclectide preparation method
Patent: JP 2001511000-A 463 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MEH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (bases 1 to 14)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonuclectide preparation method
Patent: JP 2001511000-A 1480 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
                                                                                                     JP 2001511000-A/463
07-AUG-2001
07-AUG-2001
31-AN-1997 BP 1998532533
31-JAN-1997 BP 97101531.8
KARL HERMANN SCHLINGENSIEBEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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30-JAN-1998 JP 1998532533
31-JAN-1997 RP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, CO7H21/04, Acir31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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An antisense oligonucleotide preparation method.
BD066845
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85.7%; Pred. No. 5.3e+02;
ative 0; Mismatches 2;
                                                                                                                                                                                                                                             /organism='Unknown'
Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
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JP 2001511000-A/1480.
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Best Local Similarity 85.7°
Matches 12; Conservative
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unidentified
unclassified.
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ORGANISM
           REFERENCE
AUTHORS
                                         TITLE
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TITLE
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KEYWORDS
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schultz451-1.rge

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Query Match 0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 12; Conservative 0; Mismatches 2;
                   Location/Qualifiers
                                                                                 1. 14
/organism="synthetic construct"
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Patent: JP 2001353000-A 2 25-DEC-2001;
TOSOH CORP
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/db_xref="taxon:32630"
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JP 2002065264-A/3.
synthetic construct
synthetic construct
artificial sequences.
I (bases I to 14)
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from the gene
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Best Local Similarity 85.7
Matches 12, Conservative
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BD134504
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ORGANISM
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ACCESSION
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KEYWORDS
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BD094428
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BD134504/c
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TITLE
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Barymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

Breent: JP 2001511003-A 1842 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
OS Unidentified

PN JP 2001511003-A/1842

PN JP 2001511003-A/1842

PN JP 2001511003-A/1842

PN JP 2001511003-B/1842

PN JP 2001511003-A/1842

PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC
                            Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.
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synthetic construct
artificial sequences.
1 (bases 1 to 14)
Taya,T., Ishiguro,T. and Saito,J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BD084089 14 bp DNA linear PAT 27-AUG-2005
Oligonucleotide for detecting methicillin-resistant Staphylococcus
                                                                                                                                                                                                                                                                                                                                                                                                                                   Topology: Linear, Enzymatic nucleic acid treatment of diseases or conditions related to
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PN UP 2001333783-A/17
PD 04-DEC-2001
PP 29-MAY-2000 D 2000163149
PI 10SHITAXA TAYA,TAXAHIXO ISHIGURO,JUICHI SALITO PC
G12N15/09,G12Q1/14,G01X33/53,G01N33/566//C12Q1/68,C12N15/00 CC
C12N15/09,G12Q1/68,C12N15/00 CC
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/organism='Unidentified'
Location/Qualifiers
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85.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 2;
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    .14
    /organism="unidentified"
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/db_xref="taxon:32644"

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                                                                                                          BD069002.1 GI:22614605
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BD084089.1 GI:22629699
JP 2001333783-A/17.
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                                                                                                                          JP 2001511003-A/1842 unidentified
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Matches 12; Conserv
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CC Strau
CC Topo
CC Enzy
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LOCUS
DEFINITION
        RESULT 916
BD069002
                                        LOCUS
DEFINITION
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VERSION
KEYWORDS
SOURCE
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TITLE
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NN JP 2001353000-A/2
PN JP 2001353000-A/2
PD 25-DEC-2001
PP 09-UWN-2000 JP 2000179394
PI TOSHITAKA TAYA, TAKAHIKO ISHIGURO, JUICHI SALTO PC
C1201/68, C12N15/09, G01N33/53, G01N33/56, G01N33/569, G01N33/58, PC
C12N15/00
CC Primer
FH Key Location/Qualifiers
FT source 1.14
/organism='Artificial Sequence'.
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JP 201353000-A/2.
synthetic construct
synthetic construct
artificial sequences.
1 (bases)
Taya,T., Ishiguro,T. and Saito,J.
Method for detecting mecA gene of methicillin resistant
                                                                                                                                                                                                                                                                                                                                                                     BD094428 14 bp DNA linear PAT Method for detecting mecA gene of methicillin resistant Streptococcus aureus.
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/organism='Artificial Sequence'. Location/Qualifiers
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                                                                                                                                                                                             PI REI SOMA

PC C12M15/09, A61K31/713, A61K48/00, A61P35/00, A61P43/00, C12Q1/02,

PC C12Q1/66,

PC C12Q1/66, C12M15/09, C12K1:91), (C12Q1/02, C12K1:91), PC (C12Q1/66, C12K1:91), CC Synthetic
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PN JP 2002509721-A/2420
PN JP 202509721-A/2420
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/073678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
PI JAMES A MCSWIGGEN
CLIIIS/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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PC AGIP35/00,AGIP43/00,C12N5/10,C12N9/00//AGIK35/76,C12N15/00, PC
    Kishimoto, T., Mimaki, S., Niwa, S., Yuko, Mori, Nemoto, F. and Soma, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 14)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 2420 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
                                                                                                                                     25-AUG-2000 JP 2000255579
SCHJIKO KISHIMOTO, SACHIYO MIMAKI, SHINICHIRO NIWA, YUKO PI FUMIKO NEMOTO,
REI SOMA
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Key Location/Qualifiers
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    14
    ^organism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

              Oligo-DNA
Patent: JP 2002065264-A 3 05-WAR-2002;
SUMITOMO ELECTRIC INDUSTRIES LTD
OS Artificial Sequence
PN JP 2002065264-A/3
PD 05-WAR-2002
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JP 2002509721-A/2420.
Homo sapiens (human)
Homo sapiens
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BD209280.1 GI:33019050

S JP 2002512791-A/2870.

unidentified

unidentified

unidentified

Unclassified.

Example C virus infection

AL Patch. Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D. Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection

AL Patent: JP 2002512791-A 2870 08-MAY-2002;

RIBOZYME PHARMACEUTICALS INC

OS Hepatitis Virus (hepatitis C virus)

PN JP 2002512791-A/2870

PN JP 2002512791-A/2870

PN G-MAY-2002

PR 20054599 JP 2000545991

PR 27-ARR-1999 US 60/100842 PR 25-FEB-1999 US 60/100842 PR 25-FEB-1999 US 09/257608,23-MAR-1999 US 09/257608,33-MAR-1999 US 09/257608,33-M
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14 bp RNA linear PAT 17-JUL-2003 Enzymatic nucleic acid treatment of diseases or conditions related
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
A61K37/66,
C12N15/00
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/organism='Hepatitis virus (hepatitis C

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85.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 5.3e+02;
0; Mismatches 2;
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left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                         Direct Submission

Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremiewr, 91677 Evry cedex, FRANCE
FCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsap.versailles.inra.fr/publiclines/. This sequence has
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
                                                                                   Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharmy, A.

T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites

EMBO Rep. 3 (12), 1152-1157 (2002)
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Method of detecting mutation selected by drug in HIV protease gene.
BD233324
              Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
rosids; eurosids II; Brassicales; Brassicaceae, Arabidopsis.
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22-UUN-1999 JP 2000556068
24-UUN-1998 EP 98870143.9
LIEVUR STUXYVER
C12N15/09,C12Q1/68,C12Q1/70,C12N15/00
Method of detecting mutation selected by drug in HIV protease
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           'clone_lib="Arabidopsis thaliana T-DNA insertion lines"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Arabidopsis thaliana"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1. .14<sup>-</sup>
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left border"
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JP 2002518065-A/420
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Arabidopsis thaliana
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Balzergue, S.
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                                /organism='Aids-associated retrovirus'.
Location/Qualifiers
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                                                                                                                                                                               Length 14;
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Human herpesvirus 5
Viruses; daDNA viruses, no RNA stage; Herpesviridae;
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                                                                        /organism="Aids-associated retrovirus"
/mol_type="unassigned DNA"
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                                                                                                                                                                        ch 0.5%; Score 10.8; DB 1; Similarity 85.7%; Pred. No. 5.3e+02; 12; Conservative 0; Mismatches 2;
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Pred. No. 5.3e+02;
0; Mismatches 2;
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INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
Location/Qualifiers
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Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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/organism="Human herpesvirus
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Sequence 420 from Patent WO9967428.
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Sequence 225 from Patent EP1288296.
AX710925
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SOURCE ORGANISM

REFERENCE AUTHORS

TITLE JOURNAL

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A61P31/14, A61P31/16, A61P31/19, A61P31/22, A61P35/02, C12Q1/68, PC (C12N15/09, C12R1:93), C12N15/00, C12N5/00, A61K37/48, (C12N15/00, PC
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AGIK39/145,AGIK39/21,AG1K39/23,AG1K39/245,AG1K39/29,AG1K48/00,
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DNA sequence coding for an A. thaliana protein with
delta-5,7-sterol-delta-7-reductase, the protein, process for the
production, transformed yeast-strains and use
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                                                                                     artificial sequences.

I (bases 1 to 14)

RS Draper,K.G., Dadyktz,L.W., Macswigen,J.A., Maysejak,D.(
Holesek,J.J. and Mamone,A.J.
Method and reagent for inhibiting viral replication

Datent: JP 2000342286-A.25 12-DEC-2000;

RIBOZYME PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2000342286-A/226
PD 12-DEC-2000
PF 11-MAY-1999 ITC
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14-MAY-1992 US 07/882713,14-MAY-1992 US 07/882814
14-MAY-1992 US 07/882886,14-MAY-1992 US 07/8828214
14-MAY-1992 US 07/882886,14-MAY-1992 US 07/8828214
14-MAY-1992 US 07/882889,14-MAY-1992 US 07/8828123
14-MAY-1992 US 07/88281,14-MAY-1992 US 07/883823
14-MAY-1992 US 07/88349,14-MAY-1992 US 07/88433
14-MAY-1992 US 07/88349,14-MAY-1992 US 07/884431
14-MAY-1992 US 07/884422,14-MAY-1992 US 07/884431
14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884431
15-UUL-1992 US 07/9836086,18-SEE-1992 US 07/983589
15-OCUT-1992 US 07/98322,07-DEC-1992 US 07/983589
15-OCUT-1992 US 07/98322,07-DEC-1992 US 07/983589
15-OCUT-1992 US 07/98322,07-DEC-1992 US 07/983128
07-DEC-1992 US 07/983130,07-DEC-1992 US 07/983139
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organism='Artificial Sequence'
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85.7%; Pred. No. 5.3e+02;
iive 0; Mismatches 2;

    .14
    'organism="synthetic construct"
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|db_xref="taxon:32630"

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A52652
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                                                   JP 2000342286-A/226.
synthetic construct
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1 (bases 1 to 14)
Draper,K.G., Dadyktz,L.W., Macswigen,J.A., Maysejak,D.G.,
Holesek,J.J. and Mamone,A.J.
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14-MAY-1992 US 07/882813,14-MAY-1992 US 07/882714
14-MAY-1992 US 07/8828021,4-MAY-1992 US 07/882818
14-MAY-1992 US 07/882880,14-MAY-1992 US 07/882818
14-MAY-1992 US 07/882889,14-MAY-1992 US 07/882821
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14-MAY-1992 US 07/884426,14-MAY-1992 US 07/884431
14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884521
15-OCT-1992 US 07/983686,18-SEP-1992 US 07/983884
15-OCT-1992 US 07/98322,07-DEC-1992 US 07/983133
KENNBTH G DARPER, LEC W DADYKTZ, JAMES A MACSWIGEN, PI DAYKENDER, PI DAYKENDER
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Method and reagent for inhibiting viral replication.
BD001495
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Patent: JP 2000342285-A 226 12-DEC-2000;
RIBOZYME PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2000342285-A/226
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   0.5%; Score 10.8; DB 1; Length 1
85.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 2; Indels

    14 /organism='Artificial

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11-MAY-1992 US 07/8826
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Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
                                                                            Query Match 0.5%; Score 10.8; DB 1; Length 15; Best Local Similarity 85.7%; Pred. No. 6.4e+02; Matches 12; Conservative 0; Mismatches 2; Indels
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
A Patent: WO 9833904-A 1396 06-AUG-1398;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATCHT: WO 9833904-A 1395 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Seguence 1395 from Patent WO9833904.
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PATENT: WO 9627612-A 1 12-SEP-1996;
QUEST INT (NL)
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1 (bases 1 to 15)

Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLECTIDE PREPARATION METHOD
PATENT WO 9833904-A 1279 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
Patent: EP 0727489-A 28 21-AUG-1996, ROUSSEL UCLAF (FR)
Other publication SK 18896 961001
Other publication FR 2734839 961206
Other publication FR 2738973 961105
Other publication FI 960663 960816
Other publication PL 312828 960819
Other publication CA 2169524 960816
Other publication RA 2169524 960816
Other publication FA 2730494 960814
Other publication AU 4556796 960822.
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Sequence 1279 from Patent W09833904.
A89131
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Sequence 1 from Patent WO9627612.
A56697
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Sallivan, O. Drapper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TNF.-alpha. ribozymes
Patent: US 5811300-A 651 22-SEP-1998,
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Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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AR041385
AR041385 GI:5961881
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Sequence 6 from patent US 5830653.
AR051125.
AR051125.1 GI:5974489
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                          PAT 29-SEP-1999
                                                                                            Unclassified.

1 (Dass 1 to 15)

Draper,K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 5869253-A 363 09-FEB-1999;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Slijkhuis, H., Smaal, E.Bastiaan. and Selten, G.Cornelis.Maria.
Expression cassette operable in a recombinant host
Patent: US 5869283-A 73 09-FEB-1999;
Location/Qualifiers
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                   Sequence 278 from patent US 5869253.
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Sequence 363 from patent US 5869253.
AR033597.1 GI:5949202
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                                                             AR033512.1 GI:5949117
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Best Local Similarity 85.74
Matches 12; Conservative
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AR033597/c
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RESULT 933
AR033512
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1 (bases 1 to 15)
Froehler, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J., and Pudlo, J.
Methods of using oligomers containing modified pyrimidines
Patent: US 5830653-A 49 03-NOV-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Draper.K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 149 17-NOV-1998;
Location/Qualifiers
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iive 0; Mismatches 2;
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Sequence 173 from patent US 5837542.
ARO55969
ARO55969.1 GI:5981546
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Sequence 149 from patent US 5837542.
AR055945
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Best Local Similarity 85.7
Matches 12; Conservative
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AR055969
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AR051168
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1 (bases 1 to 15)
Froehler, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J., and Pudlo, J. Magner, B., Mathods of using oligomers containing modified pyrimidines Patent: US 5830653-A 40 03-NOV-1998;
                                                                 [ (bases 1 to 15)
Froehler, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J., and Pudlo, J.
Methods of using oligomers containing modified pyrimidines
Patent: US 5830653-A 6 03-NOV-1998;
Location/Qualifiers
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1 (bases 1 to 15)
Froehler, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J., and Pudlo, J.
Methods of using oligomers containing modified pyrimidines Patent: US 5830653-A 12 03-NOV-1998;
Location/Qualifiers
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AR051159
AR051159.1 GI:5974523
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/organism="unknown"
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Sequence 12 from patent US 5830653.
AR051131 GI:5974495
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/organism="unknown"
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1 (bases 1 to 15)
Grimm,S., StinchComb,D.T., McSwiggen,J., Sullivan,S. and
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Patent: US 5837542-A 614 17-NOV-1998;
Location/Qualifiers
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Marks J.R., Vaughn, J.P. and Inglehart, J.D.
Antisense oligonucleotides against ERBB-2
Patent: US 5910583-A 8 08-JUN-1999;
Location/Qualifiers
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ilarity 85.7%; Pred. No. 6.4e+02;
Conservative 0; Mismatches 2;
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Sequence 614 from patent US 5837542.
AR056410.1 GI:5981987
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 24 from patent US 5952490.
Mismatches
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Sequence 8 from patent US 5910583.
AR071413
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AR071413/c
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1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S.
Draper, K.G.
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 442 17-NOV-1998;

Location/Qualifiers
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Patent: US 5837542-A 333 17-NOV-1998;
Location/Qualifiers
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                                                                      Draper.K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 173 17-NOV-1998;
Location/Qualifiers
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0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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US 5837542.
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Sequence 333 from patent US 5837542.
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 442 from patent AR056238
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ARO56129.1 GI:5981706
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REFERENCE AUTHORS

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1 (Dases 1 to 15)
Ozkaynak, E. and Oppermann, H.
Methods and products for identification of modulators of osteogenic protein-1 gene expression
Patent: US 6071655-A 6 06-UJN-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PAT 14-FEB-2001
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Coull, J.M., Hyldig-Nielsen, J.J., Godtfredsen, S.E., Fiandaca, M.J.
and Stefano, K.
Methods for suppressing the binding of detectable probes to
non-target sequences in hybridization assays
Patent: US 6110676-A 5 29-Aug-2000;
Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 5 from patent US 6110676.
AR107919.1 GI:12823406
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Sequence 5 from patent US 6110676.
AR107919.1 GI:12823406
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Sequence 6 from patent US 6071695.
AR097225
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             1056 GGCCCCAAACCCAA 1069
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AR107919/c
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Nucleic acid molecules encoding delta-5, 7-sterol, delta-7 reductase
from arabidopsis thaliana
Patent: US 5989881-A 28 23-NOV-1999;
Location/Qualifiers
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               1 (bases 1 to 15)
Hanecak, R.C., Anderson, K.P., Bennett, C.Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
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                                                              Oligonucleotides having a conserved G4 core sequence Patent: US 5952490-A 24 14-SEP-1999;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Chenivesse, X., Duport, C., Lecain, B. and Pompon, D. Arabidepsi thaliana proteins having
DELIA.-5, -1 secrol - DELTA.-7 - reductase activity Patent: US 5965417-A 28 12-OCT-1999;
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Sequence 28 from patent US 5985881.
AR088402.1 GI:10015165
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Sequence 28 from patent US 5965417.
AR079136.1 GI:10005882

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PAT 16-MAY-2001

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1 (bases 1 to 15)
Draper,K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 6132966-A 363 17-OCT-2000;
                                                                                                                                                                                                                                                                                      Unknown.
Unclassified.
1 (bases 1 to 15)
Draper, K.G.
Method and reagent for inhibiting hepatitis C virus replication
Patent: US 6132966-A 278 17-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 15;
   Length 15;
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
Score 10.8; DB 1;
Pred. No. 6.4e+02;
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Sequence 363 from patent US 6132966.
AR113419
AR113419.1 GI:14093741
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Sequence 149 from patent US 6132967.
AR113703
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Sequence 278 from patent US 6132966.
AR113334
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 Query Match 0.5%;
Best Local Similarity 85.7%;
Matches 12; Conservative
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Unclassified.
1 (bases 1 to 15)
Coull,J.M., Hyldig-Nielsen,J.J., Godtfredsen,S.E., Fiandaca,M.J.
and Stefano,K.
Methods for suppressing the binding of detectable probes to non-target sequences in hybridization assays
Patent: US 6110676-A 9 29-AUG-2000;
Location/Qualifiers
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(bases 1 to 15)

Coull, M., Hyldig-Nielsen, J.J., Godtfredsen, S.E., Fiandaca, M.J.

and Stefano, K.

Methods for suppressing the binding of detectable probes to
non-target sequences in hybridization assays

Patent: US 6110676-A 9 29-AUG-2000;

Location/Qualifiers
     Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 15)
Coull,J.M., Hyldig-Nielsen,J.J., Godtfredsen,S.E., Fiandaca,M.J.
and Stefano,K.
Methods for Suppressing the binding of detectable probes to
non-target sequences in hybridization assays
Patent: US 6110676-A 5 29-AUG-2000;
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Sequence 9 from patent US 6110676.
AR107923.
AR107923.1 GI:12823410
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Draper, K.G. Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 614 17-OCT-2000;
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Draim, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: 10 613267-2 442 17-0CT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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0.5%; Score 10.8; DB 1; ilarity 85.7%; Pred. No. 6.4e+02; Conservative 0; Mismatches 2;
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Sequence 614 from patent US 6132967.
AR114168
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Sequence 442 from patent US 6132967.
AR113996
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Sequence 73 from patent US 6171836.
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I (bases I to 15)
Grimu,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion mclecule-1 (ICAM-1)
Patent: US 6132967-A 173 17-0CT-2000;
Location/Qualifiers
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                                          1 (bases 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels
intercellular adhesion molecule-1 (ICAM-1)
Patent: Location/Qualifiers
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1 (bases 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
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85.7%; Pred. No. 6.4e+02;
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Pred. No. 6.4e+02;
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Best Local Similarity 85.7%;
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Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 643 27.PEB-2001;
                                                                                                                                                                                                                                                                                         Unclassified.

1 (Dases 1 to 15)
Stinchcomb.D.r., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 271, 27-FEB-2001;
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Pred. No. 6.4e+02;
Query Match
0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.48+02;
Matches 12; Conservative 0; Mismatches 2;
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Pred. No. 6.4e+02;
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AR32218.1 GI:14121123
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Sequence 643 from patent US 6194150.
AR132218
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Seguence 271 from patent US 6194150.
AR131846
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ilarity 85.7%;
Conservative
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                                                                                                      1 (bases 1 to 15)
Siljkhuis,H., Smaal,B.Bastiaan. and Selten,G.Cornelis.Maria.
Process for oxidation of steroids and genetically engineered cells
used therein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 202 27-FEB-2001;
Location/Qualifiers
1. .15
                                                                                                                                                                                                                                                                0.5%; Score 10.8; DB 1;
ilarity 85.7%; Pred. No. 6.4e+02;
Conservative 0; Mismatches 2;
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US 6194150.
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 20 from patent US 6183963.
AR128937

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    organism="unknown"

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AR131777
AR131777.1 GI:14120680
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Unclassified.
1 (bases 1 to 15)
Sinnett,D. and Labuda,D.
           AR124063
AR124063.1 GI:14109424
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AUTHORS TITLE

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PAT 16-MAY-2001

AUTHORS TITLE JOURNAL FEATURES

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RESULT 965

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AR131777 LOCUS

VERSION KEYWORDS

PAT 08-AUG-2001

ORGANISM

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FEATURES

TITLE

AUTHORS

REFERENCE

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15 bp DNA linear PAT 17-JUL-2003 Pormation of extrachromosomal DNA in Pestalotiopsis in vivo by the addition of telomere repetitive sequence to exogenous DNA.

BD23825
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(I (bases 1 to 15)

Long, D.M., Smidansky, E.D. and Strobel, G.A.

Formation of extrachromosomal DNA in Pestalotiopsis in vivo by the parent: JP 2002519057-A 11 02-7UL-2002;

RESERACH AND DEVELOPMENT INSTITUTE INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Bukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
Xylariomycetidae; Xylariales; Amphisphaeriaceae; mitosporic
                                                                                                                                                                                                                                                                                 1 (bases 1 to 15)
Frochler, B. and Jones, R.J.
Enhanced triple-helix and double-helix formation directed by oligonucleotides containing modified pyrimidines
Patent: 18 6235887-A 13 22-MAY-2001;
Location/Qualifiers
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JP 2002519057-A/11
00-2ULL-2002
02-UUL-1999 UP 2000558198
02-UUL-1999 US 60/091668
DAVID M LONG-RRIC D SMIDANSKY,GARY A STROBEL
CIZNIS/09,CIZUNI/19,CIZUNI/49/CIZNIS/00 CC
present one or more times (sequence is at CC
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:85828"
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85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2;
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                                                                                                                                   DNA
                                                                                                                                 15 bp : Sequence 13 from patent US 6235887.
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JP 2002519057-A/11.
Pestalotiopsis microspora
Pestalotiopsis microspora
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AR153752.1 GI:15121284
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         1016 AAAAAGAGGGGAG 1029
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PI DAVID M LONG,
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Shulliam., Lewis,M.K., Leippe,D., Mandrekar,M., Kephart,D.,
Shulliam., Andrews,C.Ann., Hartnett,J.Robert., Gu,T.,
Olson,R.J., Wood,K.V. and Welch,R.
Detection of nucleic acid hybrids
Patent: US 6235480-A 21, 22-MAY-2001,
Location/Qualifiers
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Froehler, B. and Jones, R.J.
Enhanced triple-helix and double-helix formation directed by oligonucleotides containing modified pyrimidines
Patent: US 6238887-A 7 22-MAY-2001,
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Pred. No. 6.4e+02;
0; Mismatches 2; Indels
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85.7%; Pred. No. 6.4e+02;
iive 0; Mismatches 2; Indels
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Unknown.
Unclassified.
1 (bases 1 to 15)
Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 643 27-FEB-2001;
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Sequence 251 from patent US 6235480.
AR153249
AR153249.1 GI:15120781
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                                                                                                                                                                                                Query Match 0.5%; Score 10.8; Dest Local Similarity 85.7%; Pred. No. 6.4e Matches 12; Conservative 0; Mismatches
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/organism="unknown"
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Sequence 7 from patent US 6235887.
ARIS3746.1 GI:15121278
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/organism="unknown"
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

AR153249 LOCUS

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AUTHORS

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PAT 31-JAN-2002
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JP 2002530115-A/8.
Murine leukemia virus
Murine leukemia virus
Murine leukemia virus
Murine leukemia virus
1 (bases 1 to 15)
Mitrophanous, K., Uden, M., Rohll, J., Kingsman, S.M. and Kingsman, A.J.
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                ó;
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C12N15/09,A61K35/76,A61K48/00,A61P1/04,A61P9/00,A61P11/06, PC
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Spinorial Gi:18622181
Synthetic construct
SM synthetic construct
artificial sequences.
E 1 (bases 1 to 15)
S (Amurra,K., Kondo,S., Sase,I., Kan,T., Furusawa,I., Mise,K., Matanabe,Y. and Kawakami,S.
Method for detecting virus
D Patent: JP 2000312589-A 11 14-NOV-2000;
BNUSHI BIO HOTONIKUSU KENKYUSHO
OS Artificial Sequence
PN JP 2000312589-A/11
                                                                                                                                                                                                                                                                                                                              Vector
Patent: TP 2002530115-A 8 17-SEP-2002;
OXFORD BIOMEDICA LTD
OS Murine leukemia virus
PN JP 2002530115-A/8
PD 17-SEP-2002
PP 19-NOV-1998 GB 9825524.3
PR 20-NOV-1998 GB 9825524.3
PI XYRIACOS MITROPHANOUS, MARK UDEN, JONATHAN ROHLL, SUSAN MARY
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Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels

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        '.0rganism="Murine leukemia virus" /mol type="genomic DNA"
        /db_xref="taxon:11786"

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1 (bases 1 to 15)
Matteucci,M.D. and Cao,X.
Binding compentent oligomers containing unsaturated 3',5' and 2',5'
linkages
Patent: US 5434257-A B 18-JUL-1995;
Location/Qualifiers
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I plases 1 to 15)
Matteucci, M.D. and Cao, X.

Binding compentent oligomers containing unsaturated 3',5' and 2',5'
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                                          KOJI OKAMURA, SATOSHI KONDO, ICHIRO SASE, TAKAYUKI KAN,
PD 14-NOV-2000
PP 16-JUL-1999 JP 1999203474
PR 16-JUL-1999 JP 1999203474
PR KOJI OKAMURA, SATOSHI KONDO,ICHIRO SASE,TAKAYUKI KAN, FURUSAWA,
PU KAZUYUKI MISE,YUICHIRO WATANABE,SHIGEKI KAWAKAMI PC C12N15/09,C12N17/00,C12Q1/70,C12N15/00
CC LOCALION/Qualifiers
FH Key Location/Qualifiers
FT source /organism='Artificial Sequence'.
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Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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85.7%; Pred. No. 6.4e+02;
cive 0; Mismatches 2;

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    ^organism="synthetic construct"
|mol_type="genomic DNA"
    ^db_xref="taxon:32630"

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Location/Qualifiers
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Sequence 8 from patent US 5434257.
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Equence 7 from patent US 5434257.
113265.1 GI:910613
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/organism="unknown"
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RESULT 977 I13267/c

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Unknown.
Unclassified.
1 (bases 1 to 15)
Matteucci,M.D. and Cao,X.
Binding compentent oligomers containing unsaturated 3',5' and 2',5'
linkages
Patent: US 5434257-A 13 18-JUL-1995;
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Matteucci,M.D. and Cao,X.
Binding compentent oligomers containing unsaturated 3',5' and 2',5'
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Binding compentent oligomers containing unsaturated 3',5' and 2',5'
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Best Local Similarity 85.7%; Pred. No. 6.4e+02;

Matches 12; Conservative 0; Mismatches 2; Indels
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113270.1 GI:910618
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Sequence 13 from patent US 5434257.
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Location/Qualifiers
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I (bases 1 to 15)
Matteucci,M.D. and Cao,X.
Binding compentent oligomers containing unsaturated 3',5' and 2',5'
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0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
                               Query Match

0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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location/Qualifiers
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Location/Qualifiers
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Sequence 9 from patent US 5434257.
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Matteucci, M.D. and Cao, X.
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RESULT 978 113268/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS

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0.5%; Score 10.8; DB 1; Length 15; 85.7%; Pred. No. 6.4e+02; tive 0; Mismatches 2; Indels
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( bases 1 to 15)
Froehler, B. and Jones, R.J.
Oligonucleotides containing 5-propynyl pyrimidines
Patent: US 5484908-A 1 16-JAN-1996;
Location/Qualifiers
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Froehler, B. and Jones, R.J.
Oligonucleotides containing 5-propynyl pyrimidines
Patent: US 5484908-A 2 16-JAN-1996;
Location/Qualifiers
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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Sequence 2 from patent US 5484908.
II7207
II7207.1 GI:1252115
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Sequence 3 from patent US 5484908.
I17208.
I17208.1 GI:1252116
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Sequence 1 from patent US 5484908.
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    Query Match
Best Local Similarity 85.73
Matches 12; Conservative
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117206/c
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1 (bases 1 to 15)
Froehler, B. and Jones, R.J.
Oligomucleotides containing 5-propynyl pyrimidines Patent: US 5484908-A 6 16-JAN-1996;
Location/Qualifiers
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Froehler, B. and Jones, R.J.
Oligonucleorides containing 5-propynyl pyrimidines
Patent: US 5484908-A 5 16-JMN-1996;
Location/Qualifiers
                                      1 (bases 1 to 15)
Froehler, B. and Jones, R.J.
Oligonucleotides containing 5-propynyl pyrimidines
Patent: US 5484908-A 3 16-JAN-1996;
Location/Qualifiers
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85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2;
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117211.
117211.1 GI:1252119
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Sequence 5 from patent US 5484908.
I17210
I17210.1 GI:1252118
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/organism="unknown"
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1 (bases 1 to 15)
Matteucci,M., Jones,B. and Lin,K.-Y.
Matteucci,M., Jones,B. and Lin,K.-Y.
Oligomuclectide analogs containing thioformacetal linkages
Patent: US 5495009-A 15 27-FEB-1996;
Location/Qualifiers
                                                                          Query Match

0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2;
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Sequence 16 from patent US 5495009.
118343.1 GI:1598698
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                       1. .15
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JOURNAL Patent: US 5484908-A 9 16-JAN-1996; ATURES
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118343/c
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I18344/c
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118342/c
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RS Froehler,B and Jones,R.J.
Oligonuclectides containing 5-propynyl pyrimidines
(AL Patent: US 5484908-A 8 16-JAN-1996;
Location/Qualifiers
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1 (bases 1 to 15)
Froehler, B. and Jones, R.J.
Oligonucleotides containing 5-propynyl pyrimidines
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Froehler, B. and Jones, R.J.
Oligonucleotides containing 5-propynyl pyrimidines
Patent: US 5484908-A 7 16-JAN-1996;
Location/Qualifiers
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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/mol_type="unassigned DNA"
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117214
117214.1 GI:1252122
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Sequence 7 from patent US 5484908.
117212.
117212.1 GI:1252120
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Unclassified.
1 (bases 1 to 15)
Matteucci, M., Jones, B. and Lin, K.-Y.
Oligonuclectide analogs containing thioformacetal linkages
Patent: US 549509-A 16 27-FEB-1996;
Location/Qualifiers
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PAT 07-0CT-1997
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| Prochler, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J. and Pudlo, J.
| Enhanced triple-helix and double-helix formation with oligomers containing modified pyrimidines
| Patent: US 5645985-A 6 08-JUL-1997; | Location/Qualifiers
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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85.7%; Pred. No. 6.4e+02;
ative 0; Mismatches 2;
                             Score 10.8; DB 1;
Pred. No. 6.4e+02;
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Sequence 12 from patent US 5645985.
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0.5%; Score 10.8; D:
Best Local Similarity 85.7%; Pred. No. 6.4e
Matches 12; Conservative 0; Mismatches
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Li,C., Gaynor,R.B. and Nirula,A.
Cellular factor ILF
Patent: US 5534631-A 8 09-JUL-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unknown"
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Sequence 6 from patent US 5645985.
151685
/mol_type="unassigned DNA"
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Sequence 8 from patent US 5534631.
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/organism="unknown"
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Unclassified.
Unclassified.
Unclassified.
Unclasse 1 to 15)
Draper, K.G., Crooke, S.T., Mirabelli, C.K., Ecker, D.J., Hanecak, R.C., Anderson, K.P., Brown-Driver, V.L. and Wyatt, J.R.
Oligomucleotide therapies for modulating the effects of herpes viruses
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                                                                                                           Unclassified.

Unclassified.

1 (bases 1 to 15)

Matteucci, M., Jones, B. and Lin, K.-Y.

Oligonucleotide analogs containing thioformacetal linkages patent: US 5495009-A 17 27-FEB-1996;

Location/Qualifiers
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Matteucci, M., Jones, B. and Lin, K.-Y.
Oligomucleotide analogs containing thioformacetal linkages
Patent: US 5495009-A 18 27.-FEB-1996;
Location/Qualifiers
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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Location/Qualifiers
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Sequence 18 from patent US 5495009.
118345.
118345.1 GI:1598700
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/wol_type="unassigned DNA"
        118344 15 bp Sequence 17 from patent US 5495009.
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/organism="unknown"
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    /organism="unknown"
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/organism="unknown"
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I57741.1 GI:2482805
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1 (bases 1 to 15)
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Best Local Similarity 85.7
Matches 12; Conservative
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1 (bases 1 to 15)

2 (bases 1 to 15)

3 (bases 1 to 15)

3 (bases 1 to 15)

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I (bases 1 to 15)

Probler, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J. and Pudlo, J.
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Location/Qualifiers
                                                                                                                                             1 (bases 1 to 15)
Froehler, B., Wagner, R., Matteucci, M., Jones, R.J., Gutierrez, A.J. and Pudlo, J.
Enhanced triple_helix and double-helix formation with oligomers
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0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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Sequence 49 from patent US 5645985.
151728.
151728.1 GI:2472929
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Patent: US 5645985-A 12 08-JUL-1997;
Location/Qualifiers
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Sequence 40 from patent US 5645985.
151719
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PAT 07-0CT-1997
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Bnzymatic RNA molecule targeted against Hepatitis C virus
Patent: US 5610054-A 363 11-MAR-1997;
Location/Qualifiers
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0.5%; Score 10.8; DB 1; Length 15; 85.7%; Pred. No. 6.4e+02; tive 0; Mismatches 2; Indels
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Sequence 363 from patent US 5610054.
157826
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DEFINITION Sequence 10 from patent US 5658780.
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Stinchorch, D.T., Draper, K.G. and McSwiggen, J.
Rel a targeted ribozymes
Patent: US 5658780-A 205 19-AUG-1997;
                                                                                                                                                                                                                           (Jases 1 to 15)
Stinchcomb.D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
Patent: US 5658786-A 201 19-AUG-1997;
Location/Qualifiers
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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161651
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Sequence 24 from patent US 5693532.
177317
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/organism="unknown"
/mol_type="unassigned DNA"
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161651
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85.7%; Pred. No. 6.4e+02;
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Stinchcomb.D.T., Draper, K.G. and McSwiggen, J. Rel a targeted ribozymes
Patent: 15 558780-A 198 19-AUG-1997;
Location/Qualifiers
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1 (bases 1 to 15)
Stinchomb,D.T., Draper,K.G. and McSwiggen,J.
Stanchomb,D.T., Draper,R.G. and McSwiggen,J.
Stanchomb,D.T., Draper,R.G. and McSwiggen,J.
Patent: US 5658780-A 124 19-AUG-1997;
Location/Qualifiers
                                                          DNA
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Sequence 198 from patent US 5658780.
161644.1 GI:2479592
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I61456.1 GI:2479404
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Unclassified.
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Best Local Similarity
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I61570.1
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AUTHORS

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Score 10.8; DB 1; Length 15;
Pred. No. 6.4e+02;
0; Mismatches 2; Indels
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0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.48+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                          1 (bases 1 to 15)
McSwiggen, J., Draper, K., Pavco, P. and Woolf, T.
Respiratory syncytial virus ribozymes
Patent: US 5633532-A 345 02-DEC-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 15)
MGSwiggen,J., Draper,K., Pavco,P. and Woolf,T.
Respiratory Syncytial virus ribozymes
Patent: US 563532-A 520 02-DEC-1997;
Location/Qualifiers
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(Dases 1 to 15)
McSwiggen, J., Draper, K., Pavco, P. and Woolf, T.
Respiratory syncytial virus ribozymes
Patent: US 5693532-A 662 02-DEC-1997;
Location/Qualifiers
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177638
177638 Gr.3013792
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177813
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Sequence 662 from patent US 5693532.
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177955.1 GI:3014109
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177638
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85.7%; Pred. No. 6.4e+02;
ive 0; Mismatches 2; Indels
1 (bases 1 to 15)
McSwiggen, J., Draper, K., Pavco, P. and Woolf, T.
Respiratory syncytial virus ribozymes
Patent: US 5693332-A 24 02-DEC-1997;
Location/Qualifiers
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McSwiggen, J., Draper, K., Pavco, P. and Woolf, T.
Respiratory Syncytial virus ribozymes
Patent: US 569532-A 45 02-DEC-1997;
Location/Qualifiers
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1 (Dases 1 to 15)
McSwiggen, J., Draper, K., Pavco, P. and Woolf, T.
Respiratory syncytial virus ribozymes
Patent: US 5693532-A 46 02-DEC-1997;
Location/Qualifiers
                                                                                       1. .15
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Sequence 45 from patent US 5693532.
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Sequence 46 from patent US 5693532.
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Best Local Similarity 85.7%;
Matches 12; Conservative
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177338.1 GI:3013492
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Best Local Similarity 85.73
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RESULT 1009

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AUTHORS TITLE JOURNAL FEATURES

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RESULT 1013 177956/c

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PAT 20-APR-2002

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Unclassified.

1 (bases 1 to 15)

Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 79 25-DEC-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W. Gene expression profiles in normal and cancer cells Patent: US 6333152-A 127 25-DEC-2001;
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Location/Qualifiers
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Seguence 127 from patent US 6333152.
AR180059
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                                                                                                                                                                                                                  /mol_type="unassigned DNA"
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AR180155
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TITLE
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1 (bases 1 to 15)

Byal, N. and Navot, N.

Method of quick screening and identification of specific DNA sequences by single nucleotide primer extension and kits therefor Patent: US 5710028-A 2 20-JAN-1998;
                                                                                  Gaps
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                                           Query Match 0.5%; Score 10.8; DB 1; Length 15; Best Local Similarity 85.7%; Pred. No. 6.4e+02; Matches 12; Conservative 0; Mismatches 2; Indels
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85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2; Indels
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McSwiggen, J., Draper, K., Pavco, P. and
Respiratory syncytial virus ribozymes
Patent: US 5693532-A 663 02-DEC-1997;
                                                                                                                                                                                                                    15 bp D Sequence 663 from patent US 5693532. 177956
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LOCUS AR180011
DBFINITION Sequence 79 from patent US 6333152.
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181251
181251.1 GI:3209541
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Best Local Similarity 85.77
Matches 12; Conservative
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RESULT 1014 I81251/c

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SOURCE ORGANISM ACCESSION VERSION KEYWORDS

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AR180784.1 GI:20222817
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1 (bases 1 to 15)
Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 546 25-DEC-2001;
Location/Qualifiers
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Unknown.
Unclassified.
1 (bases 1 to 15)
Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Vogelstein,US 6333152-A 615 25-DEC-2001;
Location/Qualifiers
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Sequence 814 from patent US 6333152.
AR180746
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Sequence 615 from patent US 6333152.
AR180547
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1 (bases 1 to 15)
Pavo.P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavo.P., McSwiggen, for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346399-A 8476 12-FEB-2002;
Location/Qualifiers
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85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2; Indels
1 (bases 1 to 15)
Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 814 25-DEC-2001,
                                                                                                                                                                                                            Length 15;
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Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W. Gene expression profiles in normal and cancer cells Patent: US 6333152-A 852 25-DEC-2001,
                                                                                                                                                                                                       0.5%; Score 10.8; DB 1; Length 1
85.7%; Pred. No. 6.4e+02;
ative 0; Mismatches 2; Indels
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85.7%; Pred. No. 6.4e+02;
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                                                                                                                                                               /mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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/organism="unknown"
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/organism="unknown"
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Methods, kits and compositions for the identification of nucleic acids electrostatically bound to matrices Patent: US 6441152-A 4 27-AUG-2002; Location/Qualifiers
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0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 6.4e+02;

Matches 12; Conservative 0; Mismatches 2; Indels
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/organism="unknown"
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/mol_type="genomic DNA"
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/organism="unknown"
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Shultz,J.William., Lewis,M.K., Leippe,D., Mandrekar,M., Kephart,D.,
Rhodes,R.Byron., Andrews,C.Ann., Hartnett,J.Robert., Gu,T.,
Olson,R.J., Wood,K.V. and Welch,R.
betection of nucleic acid hybrids
Patent: US 6391551-A 87_21-WAY-2002;
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Johansen, J.T., Hyldig-Nielsen, J.J., Fiandaca, M.J. and Coull, J.M.
Johansen, J.T., Hyldig-Nielsen, J.J., Fiandaca, M.J. and Coull, J.M.
Methods, Kits and compositions for the identification of nucleic acids electrostatically bound to matrices
Patent: US 6441152-4 4 27-AUG-2002;
Location/Qualifiers
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1 (bases 1 to 15)
Johansen,J.T., Hyldig-Nielsen,J.J., Fiandaca,M.J. and Coull,J.M.
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Sequence 87 from patent US 6391551.
AR210987
AR210987.1 GI:21513862
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/mol_type="unassigned DNA"
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Sequence 4 from patent US 6441152.
AR225009
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/mol_type="genomic DNA"
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PAT 20-DEC-2002
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Prochler,B.C., Gutlerrez,A.J. and Matteucci,M.D.
2-Aminopyridine and 2-pyridone C-nucleosides, oligonucleotides
comprising, and tests using the same oligonucleotides
patent: US 6447998-A 9 10-SEP-2002;
Location/Qualifiers
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Froehler, B.C., Gutierrez, A.J. and Matteucci, M.D.
2-Aminopyridine and 2-pyridone C-nucleosides, oligonucleotides comprising, and tests using the same oligonucleotides Patent: US 6447998-A 2 10-SEP-2002;
Location/Qualifiers
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/organism="unknown"
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Gildea,B.D., Coull,J.M., Hyldig-Nielsen,J.J. and Fiandaca,M.J.
Methods, Kite and compositions pertaining to linear beacons
Patent: 1845901-A 5 26-NOV-2002;
Location/Qualifiers
                                                                                                                                                                      i (bases 1 to 15)
Gildea, B.D., Coull, J.M., Hyldig-Nielsen, J.J. and Fiandaca, M.J.
Methods, kitz and compositions pertaining to linear beacons
Patent: US 6485901-A 5 26-NOV-2002;
Location/Qualifiers
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1 (bases 1 to 15)
Froehler, B.C., Gutierrez, A.J. and Matteucci, M.D.
Gligonucleotides including 2-aminopyridine and 2-pyridone C-nucleoside units
Patent: US 6495672-A 2 17-DEC-2002;
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Sequence 5 from patent US 6485901.
AR256519 GI:27306111
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Sequence 2 from patent US 6495672.
AR267396
                                                        Sequence 5 from patent US 6485901. AR256519
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Pavco,P., McSwiggentfor the treatment of diseases or conditions related to levels of secular endothelial growth factor receptor Patent: US 6566127-A 4131 20-MAY-2003;
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0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
                                     Length 15;
                                                                                                                                                                                                                                                                                                                                                                                       Unknown.
Unclassified.
1 (bases 1 to 15)
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RWAse activity
Patent: US 6528640-A 137 04-MAR-2003;
Location/Qualifiers
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trive 0; Mismatches 2;
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85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2;
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Sequence 4131 from patent US 6566127.
AR326729
AR326729.1 GI:33712537
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6528640.
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Unclassified.

1 (bases 1 to 15)

Gildea, B.D., Coull,J.M. and Hyldig-Nielsen,J.J.

Gildea, B.D., Coull,J.M. and tyldig-Nielsen,J.J.

In-situ methods for analyzing target sequences using linear beacons Patent: US 6649349-A 5 18-NOV-2003;

Location/Qualifiers
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Gildea, B.D., Coull, J.M. and Hyldig-Nielsen, J.J.
In-situ methods for analyzing target sequences using linear beacons
Patent: US 6649349-A 5 188-NOV-2003;
Location/Qualifiers
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85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2;
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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Sequence 5 from patent US 6649349.
AR430443
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Sequence 8 from Patent W00031280.
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1 (bases 1 to 15)

Slijkhuis, H., Smaal, E.B. and Selten, G.C.M.
Process for oxidation of steroids and genetically engineered cells
                   PAT 12-SEP-2003
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| Leggett, C.G., Whitehouse, E. and Reeves, R.H.
| Leggett, C.G., Whitehouse, E. and Reeves, R.H.
| Semiautomated method for finger-printing bacterial DNA Patent: US 6395475-A 26 28-MAY-2002;
| Location/Qualifiers
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulio-Adamic, J., Sweedler, D. and Zinnen, S. Oligoribonucleotides with enzymatic activity Patent: US 6617438-A 137 09-SEP-2003;

Location/Qualifiers
                                                                                                                                                                                                                                                                                          Query Match 0.5%; Score 10.8; DB 1; Length 15; Best Local Similarity 85.7%; Pred. No. 6.4e+02; Matches 12; Conservative 0; Mismatches 2; Indels
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85.7%; Pred. No. 6.4e+02;
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Sequence 137 from patent US 6617438.
AR397756
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Location/Qualifiers
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Sequence 73 from patent US 6632633.
AR408713
                  Sequence 26 from patent US 6395475. AR371332
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Homo sapiens (human)
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                                                                                           Kingsman, S.M., Mitrophanous, K., Uden, M., Rohll, J. and Kingsman, A.J.
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The insulin receptor-related receptor gene sequence for diagnosis of human obesity and diabetic disorders
                                                                                                                          Patent: WO 0031280-A 8 02-JUN-2000;
RINGSMAN SUSAN MARY (GB); MITROPHANOUS KYRIACOS (GB); UDEN MARK (GB); ROHLL JONATHAN (GB); KINGSMAN ALAN JOHN (GB); OXFORD BIOMEDICA LITD (GB)
LOCATION/Qualifiers
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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                             Murine leukemia virus
Murine leukemia virus
Viruses; Retroid viruses; Retroviridae; Gammaretrovirus.
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Patent: EP 1016715-A 24 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
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Pred. No. 6.4e+02;
0; Mismatches 2; Indels
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    7.0ganism="Murine leukemia virus"
/mol type="unassigned DNA"
/db_xref="taxon:11786"

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    .15
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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Sequence 24 from Patent WO0065090.
AX040879
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AX025022.1 GI:10184942
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Best Local Similarity 85.7%;
Matches 12; Conservative C
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Cricetulus griseus
Eukaryotus, Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Cricetinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Cabral, F. Assay for the detection of paclitaxel resistant cells in human
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BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM (US)
Location/Qualifiers
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Patent: WO 0129251-A 219 26-APR-2001;
UNIVERSITEIT GENT (BE)
Location/Qualifiers
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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/note="Oligonucleotide"
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/db_xref="taxon:10029"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA
Patent: WO 0065090-A 24 02-NOV-2000;
ZymoGenetics, Inc. (US)
Location/Qualifiers
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Sequence 219 from Patent WO0129251.
AX119562
AX119562.1 GI:14036481
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 4 from Patent W00071752.
AX052586
AX052586.1 GI:12226801
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PAT 06-FEB-2002

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Eukaryota; Metazoa; Chordata; Craniata; Verrebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0194638-A 16 13-DEC-2001;
Applera Corporation (US)
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Chen,C., Egholm,M. and Haff,L.
Asynchronous primed por
Pacent: WO 0194638-A 16 13-DEC-2001,
Applera Corporation (US)
Location/Qualifiers
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/db xref="taxon:9606"

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    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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Sequence 16 from Patent WO0194638.
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Sequence 16 from Patent WO0194638.
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AX354318.1 GI:18619177
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Modified oligomucleotides for mismatch discrimination
Patent: WO 07-SEP-2001,
Epoch Biosciences, Inc. (US)
Location/Qualifiers
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Score 10.8; DB 1; Length 15;
Pred. No. 6.4e+02;
0; Mismatches 2; Indels
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Pred. No. 6.4e+02;
0; Mismatches 2; Indels
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/db_xref="taxon:32630"
/noTe="probe sequence"
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Sequence 68 from Patent WO0164958.
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 Query Match
Best Local Similarity 85.7%;
Matches 12; Conservative
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Matches 12; Conservative
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Matches 12; Conserv
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PAT 06-FEB-2002

PAT 13-FEB-2002

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PAT 29-NOV-2002

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de Smet,K. and Stuyver,L.
Method for detection of drug-induced mutations in the hiv reverse
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Nucleotide carrier for diagnosing and treating oral diseases
Patent: WO 02072883-A 75 19-SEP-2002;
ROETGER, Antje (DE)
Location/Qualifiers
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Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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                                                                                                          0.5%; Score 10.8; DB 1; Length 15;
85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2; Indels
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Human herpesvirus 4 Viruses; dsDNA viruses, no RNA stage; Herpesviridae; dammaharpesvirinae; Lymphocryptovirus.

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    Organism="Human immunodeficiency virus"
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85.7%; Pred. No. 6.4e+02;
iive 0; Mismatches 2;
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Patent: WO 20255741-A 880 18-JUL-2002;
INNOGENETICS N.V. (BE)
Location/Qualifiers
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AX572840
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/db_xref="taxon:12721"
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AX587053
Location/Qualifiers
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Best Local Similarity 85.74
Matches 12, Conservative
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Matches 12; Conserv
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                                                    Scheller, J., Conrad, U., Grosse, F. and Guehrs, K.H.
Synthetic spider silk proteins and the expression thereof in transgenic plants
Patent: WO 019439-A # 13-DEC-2001;
IPK Institut fuer Pflanzengenetik und Kulturpflanzenforschung Location/Qualifiers
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Pyrosequencing AB (SB); The Board of Trustees of The Leland
Stanford Junior University (US)
Location/Qualifiers
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Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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85.7%; Pred. No. 6.4e+02;
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/db_xref="texon:32630"
/note="Primer - A183FS"
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
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Patent: WO 02055741-A 463 18-JUL-2002;
INNOGENETICS N.V. (BE)
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AX398179
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PAT 10-JAN-2003

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PAT 21-FEB-2003

RESULT 1052 AX632969/c LOCUS

DEFINITION

ACCESSION VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE AUTHORS

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Method and reagent for inhibiting the expression of disease related
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                                                                                                                                                                                                                                                                                 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 280 from Patent EP1260586.
AX633141

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0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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Sequence 108 from Patent EP1260586.
AX632969
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1025 GGGAGCTTGAAGGA 1038
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Method and reagent for inhibiting the expression of disease related
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                                                                                                                          Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.W.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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Best Local Similarity 85.7%; Pred. No. 6.46+02;
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 3191 from Patent EP1260586.
AX636052

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/db_xref="taxon:32644"

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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

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                     PAT 21-FEB-2003
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Patent: BP 1260586-A 480 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 3004 from Patent EP1260586.
Ax635865
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                         15 bp
Sequence 480 from Patent EP1260586.
AX633341
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                                                                          Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                                                                              Patent: BP 1260586-A 3197 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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/wol_type="unassigned RNA"
/db xref="taxon:32644"
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Method and reagent for inhibiting the expression of disease related
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Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                  Patent: EP 1260586-A 3968 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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/mol_type="unassigned RNA"
/db xref="taxon:32644"
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/organism="unidentified"
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Method and reagent for inhibiting the expression of disease related
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Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                   Patent: EP 1260586-A 5060 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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AXG38095.
AXG38095.1 GI:28473709
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Sequence 5192 from Patent EP1260586.
                                                                                                                                                    /organism="unidentified"
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AX638053.1 GI:28473667
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PAT 21-FEB-2003
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Method and reagent for inhibiting the expression of disease related
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0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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85.7%; Pred. No. 6.4e+02;
Live 0; Mismatches 2;
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                                                    Patent: BP 1260586-A 5234 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 5485 from Patent BP1260586.
AX638346
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artificial sequences.
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Best Local Similarity 85.7%;
Matches 12; Conservative
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                                                                                                                 0.5%; Score 10.8; DB 1; Length 15; B5.7%; Pred. No. 6.4e+02; tive 0; Mismatches 2; Indels
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Patent: BP 1260586-A 5631 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Patent: EP 1260586-A 5632 27-NOV-2002;
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Best Local Similarity
Matches 12; Conserv
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Telomerase mRNA"
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05-MAY-1997 DK 122/97 DK 122/97 DK 122/97 DK 128/06
C1201/68,C07K14/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key
FT source Location/Qualifiers
FT source / Occanism='Unidentified'.
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Score 10.8; DB 1; Length 15;
Pred. No. 6.4e+02;
0; Mismatches 2; Indels
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Parent: WO 03035884-A 6 01-MAY-2003;
Heart Biosystems GmbH (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Novel probes for the detection of Mycobacteria. BD005812
BD005812. GI:18634183
UP 2001501825-A/23.
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04-OCT-1996 DK 1096/96,18-OCT-1996 DK
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Stender,H., Lund,K. and Mollerup,T.A.
Novel probes for the detection of Mycobacteria
Dako As
ON Unidentified
DAKO AS
No UP 2001501825-A/23
PD 13-FEB-2001
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Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
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Sequence 6 from Patent W003035884.
AX752611 GI:32134549
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BD072911 15 bp DNA linear PAT 27-AUG-2002 Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method.
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Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2011511000-A 1396 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11,C07H21/04,A61K31/70
An antiesnse oligonuclectide preparation method FH
Location/Qualifiers
                                          KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
CLUMIS/11, COTA121/04, A61K31/70
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An antisense oligonucleotide preparation method.
BD066761
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Pred. No. 6.4e+02;
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85.7%; Pred. No. 6.4e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
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JP 2001511000-A/1396
07-AUG-2001
30-JAN-1998 JP 1998532533
31-JAN-1997 EP 97101531
07-AUG-2001
30-JAN-1998 JP 1998532533
31-JAN-1997 EP 97101531
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BD072911.1 GI:22618514
JP 2001286300-A/49.
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TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 201511000-A 1279 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS UNKNOWN TO 201511000-A/1279
PP 30-JAN-1998 JP 1998532533
PR 31-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101577
PI KARL HERNANN SCHTTLIST
PC C12N15/11
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Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 201511000-A 1395 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2; Indels
                                                                                      0.5%; Score 10.8; DB 1; Length 15;
85.7%; Pred. No. 6.4e+02;
tive 0; Mismatches 2; Indels
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Location/Qualifiers

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                 1. .15
/organism="unidentified"
                                            /mol_type="genomic DNA"
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JP 2001511000-A/1395.
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JP 2002119291-A/51.
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Best Local Similarity 65...
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synthetic construct
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1 (bases 1 to 15)
(Nurane,R., Kanekawa,T., Kamagata,Y., Kurata,S., Yamada,K.,
Yokomaku,T., Koyama,O. and Furusho,K.,
Yokomaku,T., Koyama,O. and Furusho,K.,
Method for assaying nucleic acid, nucleic acid probe used therefor,
and method for analyzing data obtained by that method
and method for analyzing data obtained by that method
ATTOTIVE POSESTRY ASSOCIATION, KANNYO ENG KK, DIRECTOR GENERAL OF
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF
AGRICULTURE PORESTRY AND FISHERIES, TECHNOLOGY
OS Artificial Sequence
PN JF 2001286300-A/49
PD 16-OCT-2001
PF 20-ARR-2000 JP 2000120097
PT RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA PI
                                                                                                                                                                                                                                                                                      KAZUTAKA XAMADA,TOYOKAZU YOKOMAKU,OSAMU KOYAMA,KENTA FURUSHO C1201/68,C12M1/00,C12N15/09,G01N31/22,G01N33/542,PC G01N33/566,
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27-JUN-2000 JP 2000193133
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOLCHI KAMAGATA, SHINYA
                                                                                                                                                                                                                                                                                                                                                                                   decrease in fluorescence emission of a nucleic acid probe
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Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S., Yamada,K.
Yokomaku,T.
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C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00 CC
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Patent: JP 2002000275-A 47 08-JAN-2002;
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, AGENCY
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BD107538
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35.7%; Pred. No. 6.4e+02;
1ve 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="teaxon:32630"
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JP 2002000275-A/47
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JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
Artificial Sequence
PN JP 2002119291-A/51
PD 23-ARR-2002
PP 27-ARR-2002
PP 27-ARR-2003
PP 27-ARR
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CIZN15/09,CIZN15/09,CIZM1/00,CI2Q1/68,G01N1/28,G01N1/28,G01N33/ PC
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                                      examining the CC decrease in fluorescence emission of a nucleic acid probe labeled with CC BODIBY FL/C6 upon the hybridization of the
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Key
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Yamada, K. and Yokomaku, T.
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'organism='Artificial Sequence'.
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Pred. No. 6.4e+02;
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    .15
        /organism="synthetic construct"
/mol_type="genomic DNA"
        /db_xref="taxon:32630"

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/organism="synthetic construct"
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/db xref="taxon:32630"
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Length 15;

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Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.
Bnzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
Patent: JP 2002512791-A 920 08-MAY-2002;
RIBOZYME PHRANACEUTICALS INC
RIBOZYME PHRANACEUTICALS INC
PN JP 2002512791-A/920
PD 08-MAY-2002
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                                             1 (bases 1 to 15)
Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.
Braymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
Patent: JP 2002512791-A 835 08-MAY-2002;
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Enzymatic nucleic acid treatment of diseases or conditions related
                                                                                                                                                                                                                                                                                                                                                                                          DENNIS MACEJAK
C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61F31/12,C12N15/09,
A61K37/66,
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C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
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PR 27-APR-1998 US 60/100342 PR 25-FBB-1998 US 60/100342 PR 25-FBB-1999 US 09/257608, 23-MAR-1999 US 09/274553 PI LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA P PI
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85.7%; Pred. No. 6.4e+02;
cive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                hepatitis C virus infection.
Key Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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TITLE
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1 (bases I to 15)

Yenada, K., Kanagava, T., Kamagata, Y., Torimura, M., Kurata, S.,
Yamada, K. and Yokomaku, T.
Yamada, K. and Yokomaku, T.
Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method
Patent: JP 2002191372-A 50 09-JUL-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
KANKYO ENGINEERING CO LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.
                                                                                                                                                                                                                                                             Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method.
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C12N15/09,C12M1/00,C12Q1/68,G01N33/58//G01N33/53,G01N33/566, PC
C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          09-JUL-2002
26-SEP-2001 JP 2001295145
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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/organism='Artificial Sequence'
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                                                                                                                                                                                                                                              linear
                           Indels
85.7%; Pred. No. 6.4e+02; ative 0: Mismatches 2;
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/organism="unidentified"
/mol_type="genomic DNA"
/do_xref="taxon:32644"
                                                                                                                                                                                                                                              15 bp
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JP 2002191372-A/50
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BD166070.1 GI:27871882
JP 2002191372-A/50.
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JP 2002512791-A/835.
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                         12; Conservative
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0.5%; Score 10.8; DB 1;
85.7%; Pred. No. 6.4e+02;
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    .15
    organism="unidentified"

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/db_xref="taxon:32644"
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BD208599/c
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TITLE
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unclassified.

I (bases 1 to 15)

Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.
Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
Patent: JP 2002512791. 4 1986 08-MAY-2002;
RIBOZYME PHARMACEUTICALS INC
OS Hepatitis virus (hepatitis C virus)
PN JP 2002512791-A/1986
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C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
A61K37/66,
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OS Heparitis virus (heparitis C virus)

PN JP 2002512791-A/1986

PN JP 2002512791-A/1986

PD 08-MAY-2002

PR 27-APR-1999 JP 2000545991

PR 27-APR-1999 JS 09/257608_23-MAR-1999 US 09/274553 PI LAWRENCE BLATT, JAMES A MCSWIGGEN, BLISABETH ROBERTS, PAMELA A PI PAVCO,

PC 012NJS/00, A61K31/7105, A61K38/21, A61K48/00, A61P31/12, C12NIS/0

PC 012NIS/00

CC Enzymatic nucleic acid treatment of diseases or conditions
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/organism='Hepatitis virus (hepatitis C

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                                                                                                                                                                                                  Length 15;
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0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 2;
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hepatitis C virus infection.
Key
                                                                                                                          /organism="unidentified"
/mol_type="genomic RNA"
/db xref="taxon:32644"
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/db_xref="taxon:32644"
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JP 2002512791-A/1986.
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RESULT 1082 BD208396/c

DEFINITION

ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AUTHORS TITLE REFERENCE

JOURNAL

COMMENT

source

FEATURES

RESULT 1083 BD208519/c

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IS bp RNA linear PAT 17-JUL-2003
Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection.
BD208599.1 GI:33018369
JP 2002512791-A/2189.
unidentified
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Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
Patent: JP 2002512791-A 2109 08-MAY-2002;
RIBOZYME PHARMACEUTICALS INC
OS Hepatitis virus (hepatitis C virus)
PN JP 2002512791-A/2109
PD 08-MAY-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                   DENNIS MACEJAK
C12N9/00, A61K31/7105, A61K38/21, A61K48/00, A61P31/12, C12N15/09,
A61K37/66,
C12N15/00
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PN JP 2002512791-A/2189
PD 08-MAY-2002
PF 26-ARP-1999 US 60/083217,18-SEP-1999 US 60/100842 PR
25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
LAWRENCE BLAIT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
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S66455 15 bp mRNA linear PRI 07-MAY-1993 argininosuccinate synthetase [human, mRNA Partial Mutant, 15 nt]. S66455
                                                                                         Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.
                                                                                                                                                                                                                                                                                        Blatt, M. McWiggon, J.A., Roberts, E., Pavco, P.A. and Macejak, D.
Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
Patent: JP 2002512791-A 2282 08-MAY-2002;
FIBOZYME PHARMACEUTICALS INC
OS Hepatitis virus (hepatitis C virus)
PD 08-MAY-2002
PD 08-MAY-2002
PF 26-APR-1999 JP 2000545991
PR 27-APR-1999 US 60/00842 PR
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A61K37/66,
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
I (bases 1 to 15)
Kobayashi, K., Rosenbloom, C., Beaudet, A.L. and O'Brien, W.E.
Additional mutations in argininosuccinate synthetase causing
                                                                                                                                                                                                                                                                                                                                                                                                               PD 08-MAY-2002

PF 26-APR-1999 JP 2000545991

PR 27-APR-1999 US 60/083217,18-SEP-1998 US 60/100842 PR 25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI LAWRENCE BLATT,JAMES A MCSWIGGEN,ELISABETH ROBERTS,PAMELA A PI
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/organism='Hepatitis virus (hepatitis C

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85.7%; Pred. No. 6.4e+02;
iive 0; Mismatches 2;
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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JP 2002512791-A/2282.
unidentified
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BD208692/c
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Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection
Patent: JP 2005512791-A 2282 08-MAY-2002;
RIBOZYME PHARMACEUTICALS INC
OS Hepatitis virus (hepatitis C virus)
PN JP 2002512791-A/2282
PD 08-MAY-2002
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C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
A61K37/66,
              DENNIS MACEJAK
C12N9/00,AG1K31/7105,AG1K38/21,AG1K48/00,AG1P31/12,C12N15/09,AG1X37/66,
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Enzymatic nucleic acid treatment of diseases or conditions C related to
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PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR 25-PEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI LAWRENCE BLATT,JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI PAVCO,
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Pred. No. 6.4e+02;
0; Mismatches 2; Indels
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Matches 12; Conservative
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Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2630 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
Blatt,L., Mcswiggen,J. and Chowrira,B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1399 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
                                                                                                                                                                                                                 Score 10.8; DB 1; Length 17;
Pred. No. 8.8e+02;
0; Mismatches 2; Indels
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Monia, B.P., Cowsert, L.M. and Manoharan, M..
Antisense oligomucleotide inhibition of ras
Patent: US 5872242-A 27,16-FEB-1999;
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Pred. No. 8.8e+02;
0; Mismatches 2;
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/db_xref="taxon:32630"
/note="Nucleic Acid"
                                                                                                                                  /organism="synthetic construct"
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/db_xref="taxon:32630"
/nofe="Nucleic Acid"
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AR036627
AR036627.1 GI:5953295
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 1943692
GenBank staff at the National Library of Medicine created this Gentry [NCBI gibbeq 66455] from the original journal article.
This sequence comes from Fig.3.
C to T change at position 53 resulting in a Ser to Leu substitution at position 18.
Location/Qualifiers
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Pred. No. 7.6e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Other publication CZ 9402951 950913 Other publication AU 4323593 940104 Other publication AU 4323593 940104 Other publication AU 432393 940100 Other publication HU 71931 960228 Other publication FI 945725 941205 Other publication NO 944655 950203 Other publication DP 8501681T 960227.
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                                                                                                                       1. .15
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1. .15
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Sequence 5 from Patent W09325706.
A36565
A36565.1 GI:2293878
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Best Local Similarity 85.7%;
Matches 12; Conservative
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artificial sequences.
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Length 17;

PAT 29-SEP-1999

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
                                                                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (Soses 1 to 17)
Hirano, K.
                                                                                                                                                                                                                    OS Homo sapiens (human)

ON HOMO sapiens (human)

PN UP 1998127300-A/18

PD 19-MAY-1996 UP 1996290235

PI HIRANO KENICHI

PC C12Q1/68,C07H21/04,G01N21/64//C12N15/09,G01N33/566; CC

Strandedness: Single,

CC topology: Linear;

CC hypothetical: No;

FH Key

FT Source

/Organism='Homo sapiens'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DETECTION OF POINT MUTATION OF NUCLEIC ACID AND DETECTION OF ABNORMALITY OF GENE BY USING THE SAME
PACENT: JF 1998127300-A 25 19-MAY-1998;
HAMAMATSU PHOTONICS KK
PAMAMATSU PHOTONICS KK
PAMAMATSU PHOTONICS (Numan)
PN JP 1998127300-A/25
PD 19-MAY-1998
                                                                                                                                                   DETECTION OF POINT MUTATION OF NUCLEIC ACID AND DETECTION OF ABNORMALITY OF GENE BY USING THE SAME PATENT: JP 19981-27300-A 18 19-MAY-1998; HAMAMATSU PHOTONICS KK
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PI HIRANO KENICHI
PC C12QL/06 KCO7H21/04,G01N21/64//C12N15/09,G01N33/566; CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
FH Key Location/Qualifiers
FT source 1...17
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Pred. No. 8.8e+02;
0; Mismatches 2; Indels
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Location/Qualifiers
1. .17
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Highly mutated site of human Ki-ras gene.
E16066
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/organism="Homo sapiens"
/mol type="genomic DNA"
/db_xref="taxon:9606"
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JP 1998127300-A/25
19-MAY-1998
31-OCT-1996 JP 1996290235
HIRANO KENICHI
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JP 1998127300-A/25.
Homo sapiens (human)
Homo sapiens
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E16059.1 GI:5710742
JP 1998127300-A/18.
Homo sapiens (human)
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E16066/c
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Ecker, D.J., Cook, P.Dan., Monia, B.P., Freier, S.M. and Sanghvi, Y.S.
Antisense inhibition of ras gene with chimeric and alternating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 17)
Hardee, G.E., Geary, R.S., Levin, A., Templin, M.V., Howard, R. and
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Liposomal oligonucleotide compositions for modulating RAS gene
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                   Length 17;
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85.7%; Pred. No. 8.8e+02;
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              11arity 85.7%; Pred. No. 8.8e+02; Conservative 0; Mismatches 2;
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Patent: US 6083923-A 35 04-JUL-2000;
Location/Qualifiers
1. 17' """ """ ""
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Patent: US 5965722-A 27 12-OCT-1999;
Location/Qualifiers
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Sequence 35 from patent US 6083923.
AR102410 GI:12813208
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AR079647
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AR079647/c
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E16059
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PAT 31-MAR-2003

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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Patent: JP 2001500530-A 27 16-JAN-2001;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2001500530-A/27
PD 16-JAN-2001
                                            DNA
                                                                                                                                                                                                                                               Patent: EP 1281758-A 5328 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
                                     Sequence 5328 from Patent EP1281758.
                                                                                                                                                                                                                                                                                                                            /mol_type="unassigned DNA"
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CO7H19/09, CO7H21/04, A61K48/00
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BD006260
BD006260.1 GI:18634631
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Homo sapiens
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                                                                                                                                                                                                                                                                                                                                      Unclassified.
Unclassified.
1 (bases 1 to 17)
Ecker,D.J., Cook,P.Dan., Monia,B.P., Freier,S.M. and Sanghvi,Y.S.
Brissense inhibition of ras gene with chimeric and alternating oligonucleotides
Patent: US 6359124-A 27 19-MAR-2002;
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 146 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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                                                       Query Match 0.5%; Score 10.8; DB 1; Length 17; Best Local Similarity 85.7%; Pred. No. 8.8e+02; Matches 12; Conservative 0; Mismatches 2; Indels
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                  AR201445
Sequence 27 from patent US 6359124.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="unassigned DNA"
organism="Homo sapiens"
                /mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="unknown"
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Best Local Similarity 85.7%
Matches 12; Conservative
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AR201445/c
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AX421810/c
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30-APR-1997 US 08/646840

DAVID J ECKER, PHILIP DAN COOK, BRETT P MONIA, SUSAN M FREIER, PI

YOGEGH S SANGHVI

C12Q1/68,C12P19/34,C07H19/16,C07H19/167,C07H19/1077,
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Synthetic construct
artificial sequences.

1 (base 1 to 17)
BCKET, D.J., COOK, P.D., Monia, B.P., Freier, S.M. and Sang, Y.S.
Autisense inhibition of ras gene with chimeric and alternating
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Antisense inhibition of ras gene with chimeric and alternating
                                                                        Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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Location/Qualifiers
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

TITLE JOURNAL AUTHORS

COMMENT

REFERENCE

RESULT 1100 LOCUS

BD073154/c

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                                                                                                      PAT 17-JUL-2003
                                                                                                                                                                                                                                                                       Antisense modulation of Turral expression
Patent: JP 2002519015-A 53 02-JUL-2002;
ISIS PHARMACEUTICALS INC
S Unidentified
PN JP 2002519015-A/53
PD 02-JUL-2002
PF 17-JUN-1999 UP 2000557265
PR 26-JUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COMSERT
PC
C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide Zinc finger nuclotides of SEQID1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Yen, F., Erickson, M.R., Fruebis, J. and Bihain, B.
Methods of screening for compounds that modulate the lsr-leptin
interaction and their use in the prevention and treatment of
obesity-related diseases
Patent: WO 0121647-A 94 29-MAR-2001;
GENSET (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
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                                                                                                      linear
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Antisense modulation of TNFR1 expression
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                                                                                                                  Antisense modulation of TNFRI expression. BD217430 GI:33027200
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Sequence 94 from Patent W00121647.
AX100691
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1. .18
/organism="unidentified"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                       18 bp
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Strandedness: Single;
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Baker, B.F. and Cowsert, L.M.
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synthetic construct
artificial sequences.
5 TGGTGCCTGAGTCC 18
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BD217430
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                                                                                                                                                                                                                                                                                                                                                           Unidentified
JP 2001509394-A/27
24-JUL-2001
06-JUL-1999 UP 2000502223
08-JUL-1997 US 08/882296
BRETT P MONIA, LEX M COWCERT, MUSIA MANOHARAN
C12N15/09, AGIK31/7088, AGIK48/00, AG1P35/00, CC
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Antisense oligonucleotide inhibition of RAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ce 1. .17 /organism='Unidentified', Location/Qualifiers
                                                                                                                                                                                                                                                         unclassified.

1 (bases 1 to 17)

Monia, B.P., Cowcert, L.M. and Manoharan, M.
Antisense oligomucleotide inhibition of RAS
Patent: JP 2001509394-A 27 24-JUL-2001;
ISIS PHARMADEUTICALS INC
                                                                                                                                        BD073154 17 bp DNA 1
Antisense oligonucleotide inhibition of RAS.
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007955-A 53 28-DEC-1999;
Location/Qualifiers
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/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AR096382 18 bp
Sequence 53 from patent US 6007995.
AR096382 R1:10025140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
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/db_xref="taxon:32644"
                                                                                                                                                                        BD073154
BD073154.1 GI:22618757
JP 2001509394-A/27.
                                                                                                                                                                                                                                                                                                                                                         OS Unidentified

PN JP 2001509394-A/27

PD 24-UUL-1998 JP 200

PR 06-UUL-1997 US

PI BRETT P MONIA, LEX 1

PC CLINIS/09, A61K31/7

Strandedness: Single;

CC Topology: Linear;

CC Antisense oligonuc

FH Key

LO

FT source
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                     302 IGGAGCTGTTGGTG 315
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Matches 12; Conserv
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source

FEATURES

RESULT 1101 AR096382

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LOCUS

DEFINITION ACCESSION

VERSION KEYWORDS

ORGANISM

SOURCE

REFERENCE AUTHORS TITLE JOURNAL

FEATURES

Matches

PAT 15-FEB-2002

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Gaps

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 2010 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.5%; Score 10.6; DB 1; Length 17; 76.5%; Pred. No. 9.7e+02; Live 0; Mismatches 4; Indels
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                                                                                                Score 10.8; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 2;

    .21
    forganism="synthetic construct"
|mol Lype="genomic DNA"
|db_xref="taxon:32630"

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Haplotypes of the adrb3 gene
Patent: WO 0208425-A 31-JAN-2002;
Genaissance Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Seguence 2010 from Patent WO0188124.
AX423674
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/organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                             AX362573 15 bp
Sequence 7 from Patent WO0208425.
AX362573 AX362573.1 GI:18694717
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                                                                                                    0.5%;
                                                                                                                                                                                 227 GGGGGAGTGAGAGG 240
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Best Local Similarity
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Best Local Similarity
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ORGANISM
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AX423674
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OS Artificial Sequence

PN JP92239486-A/24

PN JP 1999239486-A/24

PD 07-SEP-1999

PF 07-OCT-1999 UP 1998300376

PR 07-OCT-1997 US 08/946.021

PI TAKAMASA UENO

PC CL2N15/09,CL2N7/00,CL2N9/99,CL2Q1/70//A61K31/00, PC

A61K38/55,

PC CL2N15/09,Cl2R1:92),(CL2R1:92),(CL2N9/50,CL2R1:92),

PC CL2N15/00,CL2R1:92)

PC A61K37/64,(CL2N15/00,CL2R1:92)

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synthetic construct
synthetic onstruct
artificial sequences.

1 (bases 1 to 21)
Takamasa, U.

Recombinant human immunodeficiency virus 1-type virus and viral
molecular clone to be used in the production thereof
Patent: JP 1999239486-A 24 07-SEP-1999;
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                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 18)
Ohtomo, T., Tsuchiya, M., Koishihara, Y. and Kosaka, M.
Gene encoding HM1.24 antigen protein and promoter thereof
Patent: US 6613546-A 31 02-SEP-2003;
Location/Qualifiers
1. .18 /organism="unknown"
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                                                                                                                                                                                                                                                linear
                                                              Indels
                 Ouery Match 0.5%; Score 10.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                       Sequence 31 from patent US 6613546. AR391990
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Best Local Similarity
Matches 12; Conserv
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E36309/c
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AR391990
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DEFINITION ACCESSION VERSION

KEYWORDS

SOURCE

ORGANISM

AUTHORS TITLE

JOURNAL

FEATURES

REFERENCE

RESULT 1108

AX728711 LOCUS

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PAT 31-MAR-2003
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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                                                   1 (bases 1 to 17)
Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A., Matulio-Adamic,J., Sweedler,D. and Zinnen,S. Oligoribonucleotides with enzymatic activity Patent: uS 6617438-A. 680 09-SEP-2003; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match

0.5%; Score 10.6; DB 1; Length 17;

Best Local Similarity 76.5%; Pred. No. 9.7e+02;

Matches 13; Conservative 0; Mismatches 4; Indels
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Patent: BP 1273660-A 312 08-JAN-2003;
Acomica, Inc. (US)
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                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5331 from Patent EP1281758.
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Sequence 312 from Patent EP1273660.
AX648472
                                                                                                                                                                                /organism="unknown"
/mol_type="unassigned RNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Location/Qualifiers
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Homo sapiens
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Unknown.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                          Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.5%; Score 10.6; DB 1; Length 17; 76.5%; Pred. No. 9.7e+02; Live 0; Mismatches 4; Indels
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Unclassified.
1 (bases 1 to 17)
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 681 04-MAR-2003;
Location/Qualifiers
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Patent: WO 03025175-A 345 27-MAR-2003;
Molecular Engines Laboratories (FR)
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                                                                                                    17 bp Dl Sequence 345 from Patent W003025175. AX728711
                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned RNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="Homo sapiens"
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GATCTIGGACTICCAAG 17
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Best Local Similarity
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Best Local Similarity
Matches 13; Conserv
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RESULT 1109

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REFERENCE AUTHORS

VERSION KEYWORDS SOURCE

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RESULT 1113 AX648473

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PAT 05-DEC-1998
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                                                                                                                      Unclassified.

1 (bases 1 to 17)
Glucksmann,M.Alexandra.
Methods for identifying compounds useful in treating type II diabetes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         l (bases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 7051 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
OS EUBARYOLE
PN JP 20075-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              рысэудьв 17 bp DNA linear PAT 17-
Regulation of repressor genes using nucleic acid molecules.
BD259258
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Unclassified.
E I (bases 1 to 17)
AS Glucksmann,M.Alexandra.
Assays for diagnosing type II diabetes in a subject
Assays for diagnosing type II diabetes in a subject
Assays for diagnosing type II diabetes in a subject
Location/Qualifiers
Location/Qualifiers
                                                                                                                                                                                                                                                                                                Length 17;
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                   linear
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Pred. No. 9.7e+02;
0; Mismatches 4;
                                                                                                                                                                                                                                                                                              0.5%; Score 10.6; DB 1; 76.5%; Pred. No. 9.7e+02; tive 0; Mismatches 4;
                   DNA
                                                                                                                                                                                                Patent: US 5795726-A 27 18-AUG-1998;
Location/Qualifiers
Locationsm="unknown"
/organism="unknown"
/mol_type="unassigned DNA"
           Sequence 27 from patent US 5795726.
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Sequence 24 from patent US 5800998.
AR036970.1 GI:5954826
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JP 2002541795-A/7051.
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Best Local Similarity 76.59
Matches 13; Conservative
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AR036970/c
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BD259258
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Glucksmann,M.Alexandra.
Methods for identifying compounds useful in treating type II
diabetes
Patent: US 5795726-A 9 18-AUG-1998;
Location/Qualifiers
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                                                Length 17;
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Patent: EP 1273660-A 313 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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ilarity 76.5%; Pred. No. 9.7e+02;
Conservative 0; Mismatches 4;
                                             Query Match
0.5%; Score 10.6; DB 1;
Best Local Similarity 76.5%; Pred. No. 9.7e+02;
Matches 13; Conservative 0; Mismatches 4;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                               17 bp Sequence 313 from Patent EP1273660. AX648473
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AR023727
AR023727.1 GI:3977021
                                                                                                            2063 ATAGCAAGCTGAACTGT 2079
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Homo sapiens
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Best Local Similarity
Matches 13; Conserv
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Best Local Similarity
Matches 13; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13;
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AR023727/c
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ACCESSION
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KEYWORDS
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ORGANISM
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KEYWORDS
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source

FEATURES

TITLE JOURNAL REFERENCE AUTHORS

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Gaps

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AUTHORS TITLE JOURNAL

REFERENCE

RESULT 1115

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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity
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AX784020/c
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Regulation of repressor genes using nucleic acid molecules FH Location/Qualifiers
                                                                                                                     (C12P21/02,C12R1:91), (C12P21/02,C12R1:91),C12N15/00,C12N5/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002.A 3630 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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AX266240.1 GI:16515039
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Matches 13; Conserv
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AX266240
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PAT 17-JUL-2003
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Kmiec,E.B., Gamper,H.B. and Rioe,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
stranded oligonucleotides
batent: WO 0193002-A 3631 04-OCT-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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Pred. No. 9.7e+02;
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Patent: WO 03050284-A 2351 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1958 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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WO03050284.
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/wol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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PAT 27-AUG-2002

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RESULT 1122 BD086471

DEFINITION ACCESSION

LOCUS

SOURCE ORGANISM

REFERENCE AUTHORS

VERSION KEYWORDS

JOURNAL

COMMENT

TITLE

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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD203063.1 GI:333012833
JP 2002509721-A/6089.
Home sapiens {human}
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Anuschirwan, P., Uhlmann, E. and Weiser, C.

Tenascin antisense oligonucleotide for treating leukoma
Tenascin antisense oligonucleotide for treating leukoma
Tenascin antisense oligonucleotide for treating leukoma
AVENTIS PHRMA DEUTSCHLAND GMBH
OS Unidentified
OS Unidentified
ON JP 2001523461-A/40
PD 27-NOV-2001
PP 29-OCT-1998 DP 2000521185
PR 15-NOV-1997 DE 197 50 702.6
CC TINIS/O, AGINAL/II., AGINKA8/OO, AGINL/OO, C12Q1/68, C12N1S/OO CC
Strandedness: Single;
CC Topology: Linear;
CC Tenascin antisense oligonucleotide for treating leukoma FH
Key
FT exon
                                                                           Tenascin antisense oligonucleotide for treating leukoma FH Location/Qualifiers
PI PEYMAN ANUSCHIRWAN, EUGEN UHLMANN, CAROLINE WEISER PC C12NIS/09, AGIK31/711, AGIK48/00, AGIP17/00, C12Q1/68, C12NIS/00 Strandedness: Single; CC Topology: Linear; CC Topology: Linear; CC Tenascin antisense oligonucleotide for treating leukoma key Location/Qualifiers
FT exon 1. 17.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tenascin antisense oligonucleotide for treating leukoma. BD086509.1 GI:22632119
JP 2001523451-A/40.
                                                                                                                                                                                                                                                            ch 0.5%; Score 10.6; DB 1; Length 17; I Similarity 76.5%; Pred. No. 9.7e+02; 13; Conservative 0; Mismatches 4; Indels
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/organism="unidentified"
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/organism="unidentified"
                                                                                                                                                                                                   /mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                                                                                                                                            Topology: Linear;
Tenascin antisense oligonucleotide for treating leukoma FH
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unclassified.

I (bases 1 to 17)
Tenascin antisense oligonucleotide for treating leukoma patent; JP 2001523451-A 21 27-NOV-2001;
Patent: JP PARMA DEUTSCHLAND GMBH
OS Unidentified
PN JP 2001523451-A/21
PD 27-NOV-2001
PF 22-OCT-1999 JP 2000521185
PR 15-NOV-1997 DE 197 50 702.6
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Tenascin antisense oligonucleotide for treating leukoma.
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0.5%; Score 10.6; DB 1; Length 17;

Best Local Similarity 76.5%; Pred. No. 9.7e+02;

Matches 13; Conservative 0; Mismatches 4; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
  /db_xref="taxon:9606"
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JP 2001523451-A/2.
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566 AATGCCGAAAGGAAATG 582
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PN JP 2002569721-A/6089
PN JP 2002569721-A/6089
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
PI JAMES A MCSWIGGEN
CLAIS/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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                     Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 9.7e+02;
0; Mismatches 4; Indels
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Disease-associated gene
Patent: WO 0206312-A 37 24-JAN-2002;
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 37 from Patent W00206312.
AX393489
AX393489.1 GI:19701458
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Best Local Similarity 76.5%; Pred. No. 1.1e+03;
Matches 13; Conservative 0; Mismatches 4; Indels
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0.5%; Score 10.6; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 1.1e+03;
Matches 13; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 54 02-UUL-2002;
ISIS PHARMACEUTICALS INC
ON Unidentified
PN JP 2002519015-A/54
PD 02-UUL-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unclassified.

1 (bases 1 to 18)

Baker, B. T. and Cowsert, L.M.

Antisense inhibition of TNFR expression

Patent: US 6007995-A 58 28-DEC-1999;

Location/Qualifiers
                                                                                                                                          Unclassified.

1 (bases 1 to 18)

1 (bases 1 to 18)

Baker, B.F. and Cowsert, L.M.

Antisense inhibition of TNFR expression

Patent: US 6007995-A 54 28-DEC-1999;

Location/Qualifiers
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Antisense modulation of TNFR1 expression.
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/organism="unknown"
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Sequence 54 from patent US 6007995.
                                                                                                                                                                                                                                                                                                /organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 58 from patent US 6007995.
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PAT 02-AUG-2002

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synthetic construct
artificial sequences.

I (bases 1 to 18)
Todo,N., Okuyama,H., Imamura,M., Ishikawa,H. and Nemoto,K.
Method of screening of protein

SUMITOWO PHARMACEUTICALS CO LTD,NAOKI TODO,HAJIME OKUYAMA, OTOAKI
IMAMURA, HIRONORI ISHIKAWA,KIYOMITSU NEMOTO
OS Artificial Sequence
NN WO 0114582-A/10
PP 01-MAR-2001
PP 17-A0G-2000 WO 2000JP005488
PR 20-AUG-1999 JP 99P 234764
PI NAOKI TODO,HAJIME OKUYAMA,MOTOAKI IMAMURA,HIRONORI ISHIKAWA,
PP KIYOMITSU NEMOTO
PC C12Q1/02,GUNN3750,COTK14/47,A61K38/17,C12N5/10,C12P21/02// PC
(C12221/02,C12R1:91)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 18;
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68.4%; Pred. No. 1.3e+03;
tive 1; Mismatches 5;
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0.5%; Score 10.6; DB 1;
Best Local Similarity 76.5%; Pred. No. 1.1e+03;
Matches 13; Conservative 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db xref="taxon:32630"
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unclassfied.
1 (bases 1 to 20)
Stuyver,L., Rossau,R. and Maertens,G.
METHOD FOR TYPING AND DETECTING HBV
Patent: WO 9740193-A 135 30-OCT-1997;
INNOGENETICS NV (BE)
                                                                             DNA
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/db_xref="taxon:32644"
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    .20
    /organism="unidentified"

                                                                        Method of screening of protein. BD012687
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WO 0114582-A/10.
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Best Local Similarity
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PF 17-UN-1999 UP 2000557265
PR 26-UN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COWSERT
PC C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC C12N15/08, PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of TNFR1 expression
FH Key Location/Qualifiers
FT source /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ô
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Pred. No. 1.1e+03;
0; Mismatches 4; Indels
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Pred. No. 1.18+03;
0; Mismatches 4; Indels
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Applogy: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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4 BD217435.1 GI:33027205
JP 2002519015-A/58.

wnidentified
wnidentified
unclassified.
                                                                                                                                                                                                                                                                                   Autisense modulation of TNFR1 expression Patent: JP 2002519015-A 58 02-JUL-2002; ISIS PHARMACHTICALS INC OS Unidentified PN JP 2002519015-A/58 PD 02-JUL-2002 PR 17-JUN-1999 JP 2000557265 PR 26-JUN-1998 US 09/106038 PI BRENDA F BAKER, LEX M COWSERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                   1. .18
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Baker, B.F. and Cowsert, L.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               C12N15/00
Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 566 AATGCCGAAAGGAAATG 582
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Best Local Similarity 76.5%;
Matches 13; Conservative
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ORGANISM

BD217435

8 원 LOCUS

FEATURES

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

0

Gaps

0;

PAT 29-MAR-1999

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Gaps

; 0

Matches

8

FEATURES

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Gaps

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PAT 16-MAY-1994

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Helene,C., Herdewijn,P., Saison-Behmoaras,E., Van,A.A. and Nguyen,T.T.
NOVEL ANTISENSE NUCLEIC ACIDS DIRECTED AGAINST RAS ONCOGENES, THEIR PREPARATION AND USE
PATENT: WO 9634008-A 12 31-OCT-1996;
INST NAT SANTE RECH MED (FR)
Other publication FR 2733500 961031.
                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 12)
Cravador,A., De Vos-Pierreux,M.J. and Bollen,A.
Nucleic acid probes with non-eadioactive labels, and preparation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 10.4; DB 1; Length 12;
Pred. No. 4.1e+02;
0; Mismatches 1; Indels
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                                                                                                                           Length 20;
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                                                                                                                                                             Indels
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0.5%; Score 10.6; DB 1;
Best Local Similarity 68.4%; Pred. No. 1.3e+03;
Matches 13; Conservative 1; Mismatches 5;
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                                                1. .20
/organism="Hepatitis B virus"
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/db_xref="taxon:10407"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: EP 0334694-A 1 27-SEP-1989;
IRE-CELLTARG S.A.; LA REGION WALLONNE
Location/Qualifiers
Patent: WO 0140279-A 37 07-JUN-2001;
INNOGENETICS N.V. (BE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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A57815
A57815.1 GI:3713639
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Best Local Similarity 91.7%;
Matches 11; Conservative
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Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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Detection of anti-hepatitis b drug resistance
betent: WO 0104358-A 42 18-JAN-2001;
INNOGENETICS N.V. (BE)
                                                                                                                                                                                                                                                                                                                                   Score 10.6; DB 1;
Pred. No. 1.3e+03;
1; Mismatches 5;
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0.5%; Score 10.6; DB 1;
Best Local Similarity 68.4%; Pred. No. 1.3e+03;
Matches 13; Conservative 1; Mismatches 5;
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    .20
    forganism="Hepatitis B virus"
/mol type="unassigned DNA"
    /db_xref="taxon:10407"

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Stuyver, L.
Hbv sequences
Patent: EP 1104811-A 37 06-JUN-2001;
INNOGENETICS N.V. (BE)
Location/Qualifiers
Location/Qualifiers
                                                                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
/db_xref="taxon:10407"
                            20 bp
Sequence 42 from Patent W00104358.
AX076066
AX076066.1 GI:12710719
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Hepatitis B virus
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PAT 03-MAR-1998

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Unclassified.

1 (bases 1 to 12)

Hanecak, R.C., Anderson, K.P., Bennett, C. Frank., Chiang, M.-Y.,
Brown-Driver, V.L., Ecker, D.J., Vickers, T.A., Wyatt, J.R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 12)
Wang, C. G. and Hepburn, A. G.
Wengt, C. Settle assay using DNA triple strand formation
patent: US 5861244-A 189 19-JAN-1999;
                                                                     Unclassified.

1 (bases 1 to 12)

8may.C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5661244-A 85 19-JAN-1999;
Location/Qualifiers
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Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 41 14-SEP-1999;
Location/Qualifiers
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0.5%; Score 10.4; DB 1;
Best Local Similarity 91.7%; Pred. No. 4.1e+02;
Matches 11; Conservative 0; Mismatches 1;
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/organism="unknown"
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AR074233/c
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Location/Qualifiers
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Pred. No. 4.1e+02;
0; Mismatches 1; Indels
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 91.7%; Pred. No. 4.1e+02; ive 0; Mismatches 1; Indels
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Mueller,R.D. and Deger,A.D.
Recombinant inactive core streptavidin mutants
Patent: EP 0799890-A 13 08-OCT-1997;
BOEHRINGER MANNHEIM GMBH (DE)
Location/Qualifiers
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/db_xref="taxon:32644"
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    .12
/organism="unidentified"
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/db_xref="taxon:32644"

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Sequence 99 from Patent W09813521.
A71540.1 G1:4775152
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Sequence 13 from Patent BP0799890.
A93661
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Best Local Similarity 91.7%;
Matches 11; Conservative
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Best Local Similarity 91.7%;
Matches 11; Conservative
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                                              1282 GACAGCGCCCAC 1293
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Matches 11; Conservative
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Gaps

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PAT 29-SEP-1999

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Gaps

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PAT 28-AUG-2000

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Inoue, T. Method of amplifying DNA fragment, apparatus for amplifying DNA fragment, apparatus for amplifying DNA fragment, method of assaying microorganisms and method of assaying contaminant microorganisms and method of assaying contaminant Docation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 UP 2002544038-A/37.

Synthetic construct

SM synthetic construct
artificial sequences.

1 (bases 1 to 12)

Short-chain oligonucleotide for inhibiting VEGF expression
Short-chain oligonucleotide for inhibiting VEGF expression
AVENTIS PHARMA DEUTSCHLAND GMBH
OS Artificial Sequence
PN JP 200254038-A/37

PD 06-AUG-2002
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Short-chain oligonucleotide for inhibiting VEGF expression
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Kopetzki, E., Muller, R., Engh, R., Schmitt, U., Deger, A. and Brandstetter, H.
Recombinant inactive core streptavidin mutants
Patent: US 6312916-A 13 06-NOV-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                        0.5%; Score 10.4; DB 1; Length 12; 91.7%; Pred. No. 4.1e+02; ive 0; Mismatches 1; Indels
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/wol_type="unassigned DNA"
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Sequence 13 from patent US 6312916.
AR177262
                                                                                                                                                                                                                                                     /mol_type="unassigned DNA"
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BD248218.1 GI:33057988
                     GI:17903543
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Best Local Similarity 91.7
Matches 11; Conservative
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 AR167743
AR167743.1
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Unknown.
Unclassified.
1 (bases 1 to 12)
Hanecak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
Imbach,J.Louis.
Oligomucleotides having a conserved G4 core sequence
Patent: US 5952490-A 57 14-SEP-1999;
Location/Qualifiers
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Hanecak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.-Y.,
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
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Oligonucleotides having a conserved G4 core sequence
Patent: US 5952490-A 113 14-SEP-1999;
0.5%; Score 10.4; DB 1; Length 12; ilarity 91.7%; Pred. No. 4.1e+02; Conservative 0; Mismatches 1; Indels
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Pred. No. 4.1e+02;
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Sequence 113 from patent US 5952490.
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Sequence 107 from patent US 6287769.
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                    AR074249 12 bp Sequence 57 from patent US 5952490. AR074249
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06-AUG-2002
29-JUL-1999 BP 2000563768
07-AUG-1999 EP 98114853.9
EUGEN UHLMANN, ANUSCHIRWAN PEYMAN, ALAN BITONII, RICHARD WOBSSNER
PR 29-JUL-1999 JP 2000563768
PR 07-AUG-1998 EP 98114453.9
PI EUGEN UHLMANN, ANUSCHIRMAN PEYMAN, ALAN BITONTI, RICHARD WOESSNER C12N15/09, A61K31/711, A61K31/7115, A61K31/712, A61K31/7125 PC A61P37/12, A61E37/02, A61P27/02, A61P27/02, A61P23/00, A61P27/02, A61P27/0
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PC A61P13/12,A61P31/7115,A61K31/712,A61K31/7125 PC PC A61P13/12,A61P17/16,A61P27/02,A61P29/00,A61P35/00,A61P43/00,CC Description of actific
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synthetic construct
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Uhlmann, E., Peyman, A., Bitonti, A. and Woessner, R.
Short-chain oligomuclectide for inhibiting VEGF expression
Patent: UP 2002524038-A 59 06-AUG-2002;
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OS Artificial Sequence
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Koichi, I.

Koichi, I.

Koichi, I.

Method for amplifying DNA fragment, method for estimating state of microcapanism existing and method for estimating state of waste microcapanism existing and method for estimating state of waste microcapanism existing and method for estimating state of waste microcapanism existing and method for estimating state of waste patent: JP 1992/6176-A 107 12-OCT-1999;

Norestry And FISHERIES
OS Unidentified
PN JP 1992/6176-A/107
PN JP 1992/6176-A/107
PN JP 1992/6176-A/107
PR XOICTI INOUE
PC C12N15/09, B09B3/00, C12Q1/68, C12N15/00, B09B3/00 CC Strandedness: Single; Docation/Qualifiers
FT Source 1. .2

FT Source //organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Inoue, K.
Method and device for amplifying DNA fragment
Method and device for amplifying DNA fragment
Patent: JP 2000270867-A 107 03-OCT-2000;
SANYO ELECTRIC CO LTD, SOCIETY FOR TECHNO-INNOVATION OF AGRICULTURE
FORESTRY AND FISHERIES
OS Unidentified
OS Unidentified
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Method for amplifying DNA fragment, method for estimating state of microorganism existing and method for estimating state of waste. B29627
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Unidentified
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Location/Qualifiers
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C12N15/09,C12M1/00,C12Q1/68,C12N15/00
Strandedness: Single;
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Pred. No. 4.1e+02;
0; Mismatches 1;
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    .12
    /organism="unidentified"
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/db xref="taxon:32644"
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03-OCT-2000
19-MAR-1999 JP 1999076844
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Gaps

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PAT 06-FEB-1997

linear

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1 (bases 1 to 12)
Feldmann,M., Gray, D.W., Turner, M.J.C. and Brennan, F.M. TNF.alpha. receptor-derived binding protein
Patent: US 5633145-A 46 27-MAY-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.5%; Score 10.4; DB 1; Length 12; 91.7%; Pred. No. 4.1e+02; ive 0; Mismatches 1; Indels
                                                                                                     Query Match 0.5%; Score 10.4; DB 1; Length 12; Best Local Similarity 91.7%; Pred. No. 4.1e+02; Matches 11; Conservative 0; Mismatches 1; Indels
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Pred. No. 4.1e+02;
0; Mismatches 1;
viruses
Patent: US 5514577-A 53 07-MAY-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 12)
Watanabe,K.A., Ren,W.-Y. and Weil,R.
Complementary DNA and toxins
Patent: US 5571937-A 12 05-NOV-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12 bp 1
Sequence 46 from patent US 5633145.
143807.
143807.1 GI:2468905
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Sequence 12 from patent US 5571937.
                                              1. .12
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/mol_type="unassigned DNA"
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/organism="unknown"
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Best Local Similarity 91.7%;
Matches 11; Conservative
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I28559.1 GI:1819335
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Best Local Similarity 91.7,
...hes 11; Conservative
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1 (bases 1 to 12)

Draper, K.G., Crooke, S.T., Mirabelli, C.K., Ecker, D.J., Hanecak, R.C.,
Anderson, K.P., Brown-Driver, V.L. and Wyatt, J.R.
Oligonucleotide therapies for modulating the effects of herpes
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                                                                                                                                                                                        Method for amplifying DNA fragment, amplification apparatus of DNA fragment, method for assaying a group of microorganisms, method for an analyzing a group of microorganisms, method for analyzing a group of microorganisms, and method contaminating substance.
                                                           Gaps
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Pred. No. 4.1e+02; 
0; Mismatches 1; Indels
                             Score 10.4; DB 1; Length 12;
Pred. No. 4.1e+02;
0; Mismatches 1; Indels
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/organism="synthetic construct"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12 bp C Sequence 53 from patent US 5514577.
120474
 /db_xref="taxon:32644"
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B64159.1 GI:13019563
JP 199341989-A/107.
synthetic construct
synthetic construct
artificial sequences.
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                             Query Match 0.5%;
Best Local Similarity 91.7%;
Matches 11; Conservative (
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Best Local Similarity 91.7
Matches 11, Conservative
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I20474/c
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E64159
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TITLE
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SOURCE
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PAT 07-0CT-1997

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Gaps

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Indels

Length 12;

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Gaps

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Unknown.
Unclassified.

1 (Bases I to 12)

1 (Bases I to 12)

Nest, M.D., Harley, C.B., Weinrich, S.L., Strahl, C.M., McEachern, M.J., Shay, J., Wright, W.E., Blackburn, E.H., Kim, N.W. and Vaziri, H. Diagnostic methods for conditions associated with elevated cellular levels of telomerape activity

Patent: US 6551/74-A 5 22-ARPR-2003;

Location/Qualifiers
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Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 286 29-OCT-2002;
Location/Qualifiers
                                   Length 12;
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Pred. No. 4.1e+02;
0; Mismatches 1;
                                Score 10.4; DB 1;
Pred. No. 4.1e+02;
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Pred. No. 4.1e+02;
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                                                                                                                                                                               Sequence 286 from patent US 6472154.
AR241998.1 GI:27287810
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il Similarity 91.7%;
11; Conservative
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Best Local Similarity 91.7%;
Matches 11; Conservative
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                             Query Match
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AR241998/c
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LOCUS
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ORGANISM
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TITLE
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( Dassa 1 to 12)

( Muller,R., Engh,R., Schmitt,U., Deger,A. and Brandstetter, H.

Recombinant inactive core streptavidin mutants
Patent: US 641731-A 13 09-UUL-2002;
Location/Qualifiers
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Pred. No. 4.1e+02;
0; Mismatches 1; Indels
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                 linear
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                                                                                                                                      Thompson, J.D. and Draper, K.G.
PML-RARA targeted tribozymes
Patent: US 5639655-A 43 17-JUN-1997;
Location/Qualifiers
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Watanabe, K.A., Ren, W.-Y. and Weil, R.
Complementary DNA and toxins
Patent: US 5652360-A 12 29-JUL-1997;
Location/Qualifiers
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              12 bp Sequence 43 from patent US 5639655.
                                                                                                                                                                                                                          /mol_type="unassigned DNA"
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Sequence 13 from patent US 6417331.
AR217946.1 GI:23318250
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/organism="unknown"
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ilarity 91.7%;
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                                                         GI:2470915
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Best Local Similarity
Matches 11; Conserv
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
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0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 4.1e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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Oligonucleotides having a conserved g4 core sequence
Patent: EP 1016715-A 113 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
                                                                                                            Length 12;
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    .12
/organism="unidentified"
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/db_xref="taxon:32644"

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                                                                                                                                                                                                                                                                                          Sequence 57 from Patent EP1016715.
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/organism="unidentified"
     location/Qualifiers
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al Similarity 91.7%;
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Matches 11; Conserv
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AX032611/c
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AX032667/c
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                                                                            Unclassified.

1 (bases 1 to 12)
West, M.D., Harley, C.B., Weinrich, S.L., Strahl, C.M., McEachern, M.J., Shay, J., Wright, W.B., Blackburn, E.H., Kim, N.W. and Vaziri, H. Blagnostic methods for conditions associated with elevated cellular levels of telomerase activity
Patent: US 6551774-A 33 22-AFR-2003;
Location/Qualifiers
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West, M.D., Harley, C.B., Weinrich, S.L., Strahl, C.M., McEachern, M.J., Shay, U., Wright, W.E., Blackburn, B.H., Kim, N.W. and Vaziri, H. Diagnostic methods for conditions associated with elevated cellular levels of telomerase activity
Patent: US 6551774-A 35 22-APR-2003;
Location/Qualifiers
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Bennett,C.F., Chiang,M.Y., Anderson,K.P., Hanecak,R.C. and
Wyatt,J.R.
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Patent: EP 1016715-A 41 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
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Pred. No. 4.1e+02;
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Sequence 35 from patent US 6551774.
AR307278
AR307278.1 GI:31697805
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Sequence 41 from Patent EP1016715.
AX032595
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Matches 11; Conservative
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DEFINITION ACCESSION VERSION KEYWORDS

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RESULT 11 AX047266

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PAT 20-NOV-2001
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                                                                                                                                                                  Uhlmann, E., Breipohl, G. and Will, D.W.
Polyamide nucleic acid derivatives, agents and methods for producing them
Patent: WO 0179216-A 32 25-OCT-2001;
Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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Polyamide nucleic acid derivatives, agents and methods for producing the same producing the same Patent: WO 0179249-A 26 25-OCT-2001;
Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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Oligonukleotide"
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/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Oligonukleotide"
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91.7%; Pred. No. 4.1e+02;
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Sequence 32 from Patent W00179216.
AX283194
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Sequence 26 from Patent WO0179249.
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                                                         AX283194.1 GI:17044075
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Uhlmann, E., Greiner, B., Unger, E., Gothe, G. and Schwerdel, M. Conjugates and methods for the production thereof, and their use for transporting molecules via biological membranes for transporting molecules via biological membranes Aventis Pharma Deutschland GmbH (DE)

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Pred. No. 4.1e+02;
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/note="Oligonucleotide"
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Sequence 16 from Patent WO0068422.
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Sequence 43 from Patent WO0108707.
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Ouery Match 0.5%; Best Local Similarity 91.7%; Matches 11; Conservative

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AX081364

RESULT 1166

AX081364/c LOCUS DEFINITION

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synthetic construct synthetic construct artificial sequences.

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Query Match Best Local Similarity Matches 11; Conserv

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synthetic construct
artificial sequences.
1 (bases 1 to 13)
Ueda,I., Niwa,M., Saito,Y., Sato,S., Ono,H. and Kitaguchi,T.
59 Valine insulin-like growth factor I and process for production
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synthetic construct
artificial sequences.

1 (basea to 13)
Ueda, 1., Waw, M., Saito, Y., Sato, S., Ono, H. and Kitaguchi, T.
Process for production of gamma-interferon
Patent: EP 0176916-A 68 09-APR-1986;
FUJISAWA PHARMACEUTICAL CO., LID
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artificial sequences.

1 (bases 1 to 13)

10dail, Niwa,M., Saltoh,Y., Satoh,S. and Yamada,H.
Process for production of somatostatin
Patent: BP 0197558-A 55 15-OCT-1986;
FUJISAWA PHRAWACEUTICAL CO., LTD
Location/Qualifiers
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/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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FUJISAWA PHARMACEUTICAL CO., LTD
Location/Qualifiers
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synthetic construct
artificial sequences.

1 (bass 1 to 13)
Udda, I., Niwa, M., Satoh, S., Saitoh, Y. and Kusunoki, C.
Process for production of isulin-like growth factor I and plasmid
for production thereof
Patent: BP 0219814-A 70 29-APR-1987;
FULISAWA PHARMACTUTCAL CO., LTD
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Query Match 0.5%; Score 10.4; DB 1; Length 13; Best Local Similarity 91.7%; Pred. No. 5.3e+02; Matches 11; Conservative 0; Mismatches 1; Indels
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 1295 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Pred. No. 5.3e+02;
0; Mismatches 1;
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Sequence 1295 from Patent W09833904.
A89147
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JP 2002541798-A/7.
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Best Local Similarity 91.7%;
Matches 11; Conservative (
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PD 10-DEC-2
PF 12-APR-12
PI BRIAN R
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PC CL2N15/09
CC modified
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The construct
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Nurphy, B.R., Collins, P.L., Durbin, A.P. and Skiadopoulos, M.H.
Production of attenuated negative stranded RNA virus vaccines from cloned nucleotide sequences

Production of attenuated negative stranded RNA virus vaccines from cloned nucleotide sequences

AL PARENCY DEC-2002;
THE UNITED STATES OF AMERICA
OS Artificial Sequence
N JP 2002541798-A/7
PD 10-DEC-2002
PF 12-APR-2000 JP 200611661
PR 13-APR-1999 US 60/129006
PI BRIAN R MURPHY, PETER L COLLINS, ANNA P DURBIN, MARIO H PI SKADOPOULOS

PC CL2NIS/00
CC medified editing site of P mRNA
FT Key
Location/Qualifiers
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FT FORCE CONSTANT OF CONSTA
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PR 07-AUG-1998 EP 98114853.9
PI EUGEN ULLAMANN,AUUSCHIRWAN PERWAN,ALAN BITONTI,RICHARD WOESSNER PC C12M15/09,A61K31/711,A61K31/7115,A61K31/712,A61K31/7125 PC R61R48/00,A61P9/00,
PC A61R43/12,A61P1/16,A61P27/02,A61P29/00,A61P35/00,A61P43/00,CC Description of artifical
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BD263760 of attenuated negative stranded RNA virus vaccines from cloned nucleotide sequences.
                                          POZESS.1 GI:33058025

BDZ48255.1 GI:33058025

JP 2002524038-A/74.

SWITCHELIC CONSTRUCT

SYNTCHELIC CONSTRUCT

SYNTCHICIAL SEQUENCES.

I (bases 1 to 13)

S Unlumni, E., Peyman, A., Bitonti, A. and Woessner, R.

Short-chain oligomucleotide for inhibiting VEGF expression

Patent: JP 2002524038-A 74 06-AUG-2002;

AVENTIS PHARMA DEUTSCHLAND GMBH

OS ARTIFICIAL Sequence

PD 06-AUG-2002

PD 06-AUG-2002
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     Short-chain oligonucleotide for inhibiting VEGF expression
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    .13
    forganism="synthetic construct"
/mol_type="genomic DNA"
    /db_xref="taxon:32630"

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synthetic construct.
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artificial sequences.

I (bases 1 to 13)

Murphy, B.R., Collins, P.L., Durbin, A.P. and Skiadopoulos, M.H.
Production of attenuated negative stranded RNA virus vaccines from cloned nucleotide sequences.

Patent: JP 202541798-A 7 10-DEC-2002;

Patent: JP 202541798-A 7 10-DEC-2002;

PATHE UNITED STATES OF AMERICA.

OS Artificial Sequence
PN JP 2002541798-A/7

PD 10-DEC-2002

PF 12-AFR-2000 JP 2000611661

PR 13-APR-1999 US 60/129006
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/organism='Artificial Sequence'
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iive. 0; Mismatches 1;
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    .13
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|db_xref="taxon:32630"

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                                                                                                                                                        'organism='Human immunodeficiency virus type
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ogawa,M.
Protection of partial complementary nucleic acid fragment using a electroconductive chip and intercalator
                                             17-MAR-1999 GB 9906177.2
MARK UDEN, KYRIACOS MITROPHANOUS
CI2N15/09, A61K35/76, A61K48/00, A61R31/12, C12N7/00// (C12N7/00,
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                                                                                                                                                                                                                                                         Length 13;
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                                                                                                                                                                                              1. .13
|/organism="Human immunodeficiency virus 1"
|/mol_type="genomic RNA"
|/db_xref="taxon:11676"
                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                1; Indels
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                                                                                                                                                                                                                                                       Score 10.4; DB 1;
Pred. No. 5.3e+02;
0; Mismatches 1;
          Human immunodeficiency virus type 1
JP 2002538829-A/51
19-NOV-2002
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Pred. No. 5.3e+02;
                                                                                                                                  Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                          DNA
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Thompson, J. D. and Draper, K.G.
PML-RARA targeted ribozymes
Patent: US 5639655-A 7 17-UW-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                                                                                                 Location/Qualifiers
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146914
                                                                                                        C12N15/00
Anti-viral vectors
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Best Local Similarity 91.7
Matches 11, Conservative
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Matches 11; Conserva
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Durbin,A.P., Collins,P.L. and Murphy,B.R.
Becombinant parainfluenza virus vaccines attenuated by deletion or ablation of a non-essential gene
Patent: US 6410023-A 11 25-JUN-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
Unklassified.
1 (bases 1 to 13)
Durbin,A.P., Collins,P.L. and Murphy,B.R.
Recombliant parahfluenza virus vaccines attenuated by deletion or ablation of a non-essential gene
Patent: US 6410023-A 11 25-UNN-2002;
Location/Qualifiers
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Pred. No. 5.3e+02;
0; Mismatches 1; Indels
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0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 5.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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Patent: US 6399305-A 1 04-JUN-2002;
Location/Qualifiers
                                       1. .13
/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                    AR214580 13 bp
Sequence 11 from patent US 6410023.
AR214580 AR214580.1 GI:23312465
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/organism="unknown"
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PAT 15-NOV-2000
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Patent: WO 0055341-A 51 21-SEB-2000;
UDEN MARK (GB) ; OXFORD BIOMEDICA LTD (GB) ; MITROPHANOUS KYRIACOS
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Recombinant parainfluenza virus vaccines attenuated by deletion or ablation of a non-essential gene
Patent: WO 0103744-A ll 18-JAN-2001,
THE GOVERNMENT OF THE UNITED STATES OF AMERICA (US)
Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Partial sequence of P mRNA having insertion of
                                                                                                                                                                                                                                                                                                             Human immunodeficiency virus 1 (HIV-1)
Human immunodeficiency virus 1
Viruses, Retroid viruses, Retroviridae, Lentivirus, Primate
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llarity 91.7%; Pred. No. 5.3e+02;
Conservative 0; Mismatches 1; Indels
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Pred. No. 5.3e+02;
0; Mismatches 1; Indels
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/organism="Human immunodeficiency virus
/mol_type="unassigned RNA"
/db_xref="taxon:11676"
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Pred. No. 5.3e+02;
0; Mismatches 1;
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                                                                                                                                                                                                                                          RNA
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                                       /mol_type="unassigned RNA"
                                                                                                                                                                                                                                    Sequence 51 from Patent WO0055341.
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Sequence 11 from Patent WO0103744.
AX074015
           1. .13
/organism="unknown"
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synthetic construct
artificial sequences.
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Best Local Similarity 91.7'
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Unclassified.
E 1 (bases 1 to 13)
S Beigelman, Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Synthetic ribonucleic acids with RNAse activity and Patent: US 6528640-A 136 04-MAR-2003;
Location/Qualifiers
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulio-Adamic, J., Sweedler, D. and Zinnen, S. Oligoribonucleotides with enzymatic activity Patent: Use 6617438-A 136 09-SEP-2003;
Location/Qualifiers
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91.7%; Pred. No. 5.3e+02;
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0.5%; Score 10.4; DB 1;
Best Local Similarity 91.7%; Pred. No. 5.3e+02;
Matches 11; Conservative 0; Mismatches 1;
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Patent: US 5256775-A 2 26-0CT-1993;
Location/Qualifiers
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                          AR285764 136 from patent US 6528640.
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Sequence 2 from patent US 5256775.
AR364261
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/organism="unknown"
                                                                          AR285764.1 GI:29723358
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Froehler, B.C.
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Unclassified.
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Weiner, G_{\cdot} and Hartmann, G_{\cdot} . Methods for enhancing antibody-induced cell lysis and treating
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide~phosphorothioate
backbone"
                                                                                                                          Makino, Y., Abe, Y., Ogawa, M., Takagi, M., Takenaka, S. and
                                                                                                                                          Yamashita, Y. 27,17, Ogdan, 17, Iahangi, 17, Iahandia, 2. and Detection of partly complementary nucleic acid fragment Patent: EP 1065279-A 1 03-JAN-2001; FUJI PHOTO FILM CO., LTD. (JP)
Location/Qualifiers
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Patent: WO 0197843-A 450 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Ouss, Score 10.4; DB 1;
Best Local Similarity 91.7%; Pred. No. 5.3e+02;
Matches 11; Conservative 0; Mismatches 1;
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Sequence 450 from Patent WO0197843.
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                            AX136899.1 GI:14273248
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AX355422.1 GI:18620090
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Best Local Similarity 91.77
Matches 11; Conservative
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Recombinant parainfluenza virus vaccines attenuated by deletion or
ablation of a non-essential gene
Patent: WO 0103744-A ll 18-JAN-2001;
THE GOVERNMENT OF THE UNITED STATES OF AMERICA (US)
Location/Qualifiers
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// Organism="synthetic construct"
// Organism="synthetic construct"
// Mol_type="unassigned DNA"
// db_xref="taxon:33630"
// db_xref="taxon:33630"
// noTe="Partial sequence of P mRNA having insertion of two G residues in editing site"
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 796 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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AX074015
AX074015.1 GI:12710243
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PAT 06-FEB-2002

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PAT 23-MAR-2002

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Length 13

PAT 01-MAR-2003

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unclassified.

1 (bases 1 to 13)
Schlingensiepen,K.H. and Brysch,W.
An antisense oligonuclectide preparation method
Patent: JP 2001511000-A 1295 07-Aug-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MEH
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31-JAN-1997 RP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, CO7H21/04, AGIKT31/70
An antisense oligomucleotide preparation method FH
Location/Qualifiers
source
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An antisense oligonucleotide preparation method.
BD066660
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                                           0.5%; Score 10.4; DB 1;
91.7%; Pred. No. 5.3e+02;
tive 0; Mismatches 1;
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Location/Qualifiers
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Sequence 796 from Patent WO02053141.
AXS47657
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07-AUG-2001
              /note="H-AP-9"
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synthetic construct
artificial sequences.
                                                                                                    1068 AAGCTTCAGTCC 1079
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                                       Query Match 0.59
Best Local Similarity 91.73
Matches 11; Conservative
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Best Local Similarity 91.77
Matches 11; Conservative
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BD066660
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              Pharmaceutical compositions comprising a modulator of adamts-1 Patent: WO 0216632-A 12 28-FBB-2002;
AstraZeneca AB (SE)
Location/Qualifiers
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Pred. No. 5.3e+02;
0; Mismatches 1;
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AstraZeneca AB (SE)
Location/Qualifiers
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Sequence 14 from Patent W00218568.
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Sequence 18 from Patent W00218421.
AX394794
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Location/Qualifiers
Brodin, P. and Thelin, A.
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Gaps

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Length 13;

PAT 27-AUG-2002

linear

Key

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/organism="unknown"
/mol_type="genomic DNA"
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Synthetic MseI adaptor.
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Best Local Similarity 91.7
Matches 11; Conservative
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Artificial gene sequence (M2 RNA) corresponding to G131-C143 of p25p1 RNA, stem loop and autocleavage sites.
                                                                                                                                                                                                                                                                                                                                                                                                                  Original source text: Artificial gene RNA.
Synthetic derivatives of the 13 nucleotides from position G131-C143 of precursor number 2 species 1 (p2Sp1) RNA from T4-infected B. coli cells are found in accession numbers 132900-132916. These synthetic sequences were made for the study of the autocleavage within this region of the p2Sp1 RNA. The naturally occurring 13 nucleotide sequence of p2Sp1 RNA is found in accession number
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                                        Gaps
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synthetic construct
artificial sequences.

(Asses I to 13)
Hosaka, H., Sakabe, I., Sakamoto, K., Yokoyama, S. and Takaku, H. Sequence-specific cleavage of oligoribonucleotide capable of forming a stem and loop structure
94327563
94327563
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Tournier-Lasserve, E., Joutel, A., Bousser, M.-G. and Bach, J.-F. application
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        Length 13;
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Pred. No. 5.3e+02;
0; Mismatches 1; Indels
 0.5%; Score 10.4; DB 1; Length 1
91.7%; Pred. No. 5.3e+02;
ative 0; Mismatches 1; Indels
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/mol_type="genomic RNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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AR300218
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9^10
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Best Local Similarity 91.7
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artificial sequences.
Labeau, A. and Vos. P.
Selective restriction fragment amplification : a general method for
DNA fingerprinting
Patent: EP 0534858-A 20 31-MAR-1993;
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synthetic construct
artificial sequences.

[bases 1 to 14)
Ueda,I., Niwa,M., Saito,Y., Sato,S., Ono,H. and Kitaguchi,T.
Process for production of insulin-like growth factor I
Patent: BP 0155655-A 73 25-SEP-1985;
FUJISAWA PHARMACEUTICAL CO., LID
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0.5%; Score 10.4; DB 1; Length 14; larity 91.7%; Pred. No. 6.5e+02; Conservative 0; Mismatches 1; Indels
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0.5%; Score 10.4; DB 1;
Best Local Similarity 91.7%; Pred. No. 6.5e+02;
Matches 11; Conservative 0; Mismatches 1;
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91.7%; Pred. No. 6.5e+02;
tive 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                       synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 14)
Ueda,I., Niwa,M., Satoh,S., Saitoh,Y. and Kusunoki,C.
Process for production of isulin-like growth factor I and plasmid
for production thereof
Patent: EP 0219814-A 75 29-APR-1987;
FUJISAWA PHARMACEUTICAL CO., LTD
Location/Qualifiers
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Patent: WO 9425578-A 87 10-NOV-1994;
BIOGNOSTIK GES (DE)
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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A40550
                              14 bp
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                                         Synthetic IGF-I gene oligo.
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A35125.1 GI:1926784
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1 (bases 1 to 14)
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A40550/c
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A40588
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RESULT 1200
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ANTISENSE-OLIGONUCLECTIDES FOR THE TREATMENT OF IMMUNOSUPPRESSIVE PREPECTS OF TRANSFORMING GROWTH FACTOR--g(b) (TGF--g(b)) Patent: WO 9425578-A 125 10-NOV-1994; BIOGNOSTIK GES (DE) Location/Qualifiers
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Pred. No. 6.5e+02;
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Zabeau,M., Simons,G., Vos,P. and Wijbrandi,J.
Resistance against nematodes
Zabeat: WO 9806/500-A 6 19-FEB-1998;
ZABEAU MARC (BE)
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RESISTANCE AGAINST WILT INDUCING FUNGI
Patent: WO 9706259-A 6 20-FEB-1997;
KEYGENE NV (NL)
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                                                                                                     1. .14
/organism="unidentified"
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/db_xref="taxon:32644"
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/organism="unidentified"
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Seguence 6 from Patent WO9706259.
A60527
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Sequence 6 from Patent W09806750.
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Best Local Similarity 91.7%;
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Best Local Similarity 91.7%;
Matches 11; Conservative (
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/mol_type="unassigned DNA"
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Pred. No. 6.5e+02;
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1 (Dassa 1 to 14)
S Brysch,W. and Schlingensiepen,K.
AN ANTISENSE OLICONUCLEOTIDE PREPARATION METHOD
AL Patent: WO 9833904-A 269 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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unclassified.
1 (bases 1 to 14)
Zabeau, M. and Simons, G.
RESISTANCE AGAINST NEMATODES
Patent: EP 0823481-A 6 11-FEB-1998;
KEYGENE NV (NL)
   Mismatches
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/db_xref="taxon:32644"
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/organism="unidentified"
/wol_type="unassigned DNA"
/db_xref="taxon:32644"
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A88121
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/organism="unidentified"
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Best Local Similarity 91.7%;
Matches 11; Conservative (
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                        868 ACTGAGGACTCA 879
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 11; Conservative
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Pred. No. 6.5e+02;
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unclassified.
| Losation/Qualifiers
| Brysch, W. and Schlingensiepen, K. ARATISENSE OLIGONUCLEOTIDE PREPARATION METHOD
| Patent: WO 9833904-A 1223 06-AUG-1998;
| BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
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lases 1 to 14)
Erysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGOMUCLEDTIDE PREPARATION METHOD
Patent: WO 9833904-A 1751 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLENCINE PREPARATION METHOD
PATENT: WO 9833904-A 1260 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
LOCATION/Qualifiers
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A89112
A89112.1 GI:6737682
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A89603
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/db_xref="taxon:32644"
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/organism="unidentified"
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PAT 29-SEP-1999
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Moriya,M., Matsui,H., Yokozeki,K., Hirano,S., Hayakawa,A., Izui,M.
and Sugimoto,M.
Method of amplifying genes using artificial transposons in
coryneform bacteria
Patent: US 5804414-A 10 08-SEP-1998;
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Rothemund, P.W.K.
Method for construction universal DNA based molecular turing machine
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Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.
Antisense nucleic acid compound targeted to VEGF
Patent: US 6150092-A 115 21-NOV-2000;
Location/Qualifiers
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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        Sequence 10 from patent US 5804414.
AR038105
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AR061873
AR061873.1 GI:5989564
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Location/Qualifiers
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                                            AR038105.1 GI:5956822
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Matches 11; Conservative
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Mitsuzumi, H., Kubota, M. and Sugimoto, T.
Micsuzumi, H., Kubota, M. and Sugimoto, T.
Recombinant thermostable enzyme which releases trehalose from non-reducing saccharide
Patent: US 5856146-A 18 05-JAN-1999;
Location/Qualifiers
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                           Query Match 0.5%; Score 10.4; DB 1; Length 14; Best Local Similarity 91.7%; Pred. No. 6.5e+02; Matches 11; Conservative 0; Mismatches 1; Indels
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Pred. No. 6.5e+02;
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Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligomuclectide preparation method
Patent: EP 0856579-A 269 05-AUG-1998;
BIOGNOSTIK GES (DE)
Location/Qualifiers
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    .14
/organism="unidentified"
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                                                                                                                                                                                                            Sequence 269 from Patent EP0856579. A90088
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Sequence 18 from patent US 5856146.
AR027085
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/wol_type="unassigned DNA"
/db_xref="taxon:32644"
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Best Local Similarity 91.7%;
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Unclassified. Unknown. Unknown.

SOURCE ORGANISM

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RESULT 1211

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/organism="unknown"

AR038105

RESULT 1212 AR038105 LOCUS

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RESULT 1210

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A90088/c

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Page 287

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Method of detecting mutation selected by drug in HIV protease gene. BD233365.1 G1:33043135
DP233365.1 G1:33043135
JP 2002518065-A/461.
Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
1 (bases 1 to 14)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Method of detecting mutation selected by drug in HIV protease gene. BD233368.1 GI:33043138
JP 2002518065-A/464.
Aids-associated retrovirus
Aids-associated retrovirus
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D 200518065-A/461
25-JUN-2002
22-JUN-1999 JP 2000556068
24-JUN-1998 EP 98870143.9
IIRVEN STUVYER
C12015/09.C1201/68.C1201/70.C12N15/00
Method of detecting mutation selected by drug in HIV protease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Stuyver, L. Method of detecting mutation selected by drug in HIV protease gene Patent: JP 2002518065-A 461 25-JUN-2002; INNOSENETICS NV.
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                       Muknown.

Muknown.

E 1 (bases 1 to 14)

S Kuiper,M.T.R., Zabeau,M. and Vos,P.

Amplification of simple sequence repeats

AL Patent: US 6218119-A 4 17-ApR-2001;

Location/Qualifiers

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Pred. No. 6.5e+02;
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l Similarity 91.7%;
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Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.
Antisense nucleic acid compound targeted to VBGF
Patent: US 6150092-A 150 21-NOV-2000;
Location/Qualifiers
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Herrnstadt, C. and Parker, W.Davis.
Method of targeting conjugate molecules to mitochondria
Patent: US 6171859-A 200 09-JAN-2001;
Location/Qualifiers
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                         Score 10.4; DB 1; Length 14;
Pred. No. 6.5e+02;
0; Mismatches 1; Indels
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Sequence 200 from patent US 6171859.
AR124425
AR124425.1 GI:14109786
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14 bp 1
Sequence 150 from patent US 6150092.
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AR145766
AR145766.1 GI:15108955
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AR119024.1 GI:14100934
                      Query Match 0.5%;
Best Local Similarity 91.7%;
Matches 11; Conservative
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Unclassified.
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AR145766
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PAT 02-DEC-1994

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Gaps

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PAT 06-FEB-1997

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1 (bases 1 to 14)
Goldstein,J., Pollitt,S.N., Inouye,M. and CO7K13.
RECOMBINANT COLD SHOCK PROTEIN, PRODUCTION AND USE IN AGRICULTURE Patent: WO 9009447-A 4 23-AUG-1990;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.5%; Score 10.4; DB 1; Length 14; 91.7%; Pred. No. 6.5e+02; Live 0; Mismatches 1; Indels
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Androphy, E.J., Lowy, D.R. and Schiller, J.T.
Viral expression inhibitors
Patent: EP 0302758-A1 9 08-FEB-1989;
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.5%; Score 10.4; DB 1;
Best Local Similarity 91.7%; Pred. No. 6.5e+02;
Matches 11; Conservative 0; Mismatches 1;
                                                                                                                                           DNA
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Sequence 9 from Patent EP 0302758
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Sequence 8 from patent US 5591577.
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Tsuchiya,M., Moriya,M. and Miwa,K.
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           1238 CCCTCGCCTCCG 1249
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Best Local Similarity 91.7
Matches 11, Conservative
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               E 1 (bases 1 to 14)

S Stuyver, L.
Method of detecting mutation selected by drug in HIV protease gene
L Patent: JP 2002518065-A 464 25-JUN-2002;
INNOGENETICS NV
OS Alds-associated retrovirus
PN JP 2002518065-A/464
PD 25-JUN-1999 JP 2000556068
PR 24-JUN-1999 DP 98870143.9
PI LIEVEN STUYVER
PC C12NIS/00
CC Method of detecting mutation selected by drug in HIV protease
CC Method of detecting mutation selected by drug in HIV protease
FH Key
I . 14
FH Key
FT Source
Cognisionalifiers
FT Source
Cognisionalifiers
FT / Organism='Aids-associated retrovirus'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1. (bases 1 to 14)

Schlingensiepen,K.H., Schlingensiepen,R. and Brysch,W.

A method for stimulating the immune system

L. Patent: JP 200217434-A.101 18-UNN-2002;
BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH

OS Homo sapiens (human)

PN 10-200217434-A/101

PP 10-JUN-1999 JP 2000553044

PR 10-JUN-1998 EP 98110709.7.25-UUL-1998 EP 98113974.4 PI

KARL HERMANN SCHLINGENSIEPEN, REIMAR SCHLINGENSIEPEN, WOLFGANG PI

BRYSCH

PC 00-A61P35/00.

PC A61P35/00.

PC A61P35/02.

Method for stimulating the immune system

FH Key

Location/Qualifiers

FT source

/organism='Homo sapiens (human)'.
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/organism='Aids-associated retrovirus'
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                 0.5%; Score 10.4; DB 1; Length 14; 91.7%; Pred. No. 6.5e+02; Live 0; Mismatches 1; Indels
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    .14
/organism="Aids-associated retrovirus"
/mol_Lyppe="genomic DNA"
/db_xref="taxon:11966"

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A method for stimulating the immune system.
BD234997.1 GI:33044767
JP 2002517434-A/101.
Homo sapiens (human)
Viruses; Retroid viruses; Retroviridae
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Best Local Similarity 91.77
Matches 11; Conservative
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Best Local Similarity 91.77
Matches 11, Conservative
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BD234997
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Mobile genetic element originated from brevibacterium strain
Patent: US 5591577-A 8 07-JAN-1997;
Location/Qualifiers
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Windassified.

E 1 (bases 1 to 14)

S Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Gene expression profiles in normal and cancer cells

AL Patent: US 6333152-A 258 25-DEC-2001;

Location/Qualifiers
                                                                                                       Length 14;
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DeYoung, M. Beth., Siwkowski, A.M. and Hampel, A. E. SArMV and SCYMVI hairpin ribozymes
Patent: US 5646031-A 10 08-JUL-1997;
                                                                                                ch 0.5%; Score 10.4; DB 1;
1 Similarity 91.7%; Pred. No. 6.5e+02;
11; Conservative 0; Mismatches 1;
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US 6333152.
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Sequence 10 from patent US 5646031.
I52187
I52187.1 GI:2473388
                                           1. .14
/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 91.79
Matches 11, Conservative
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Best Local Similarity 91.7°
Matches 11, Conservative
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I52187
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RESULT 1226

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.
Unclassified.
1 (bases 1 to 14)
Haugland, R. and Vesper, S.
Method of Identifying and quantifying specific fungi and bacteria
Patent: US 6387625-A 50 14-MAY-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unknown.
Unknown.
Unclassified.
I (bases 1 to 14)
Schlingensiepen,G.-F., Brysch,W., Schlingensiepen,K.-H.,
Schlingensiepen,R. and Bogdahn,U.
Antisense-Oilgonucleotides for transforming growth factor-.beta.
(TGF-.beta.)
Patent: US 6455689-A 87 24-SEP-2002;
Location/Qualifiers
                                                                                               Unknown..
Unclassified.
1 (bases 1 to 14)
Mitsuzumi,H., Kubota,M. and Sugimoto,T.
Recombinant thermostable enzyme which releases trehalose from non-reducing saccharide Patent: US 6346344.A 18 12-FEB-2002;
Location/Qualifiers
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91.7%; Pred. No. 6.5e+02;
ative 0; Mismatches 1;
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Best Local Similarity 91.7%; Pred. No. 6.5e+02;
Matches 11; Conservative 0; Mismatches 1;
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            ARI84506 14 bp Sequence 18 from patent US 6346394.
AR184506
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AR232830
AR232830.1 GI:27275168
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                                                    AR184506.1 GI:20230471
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Beet Local Similarity 91.7%;
....hes 11; Conservative
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AR232830/c
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AR184506
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KEYWORDS SOURCE ORGANISM

AUTHORS TITLE

REFERENCE

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FEATURES

source

PAT 12-SEP-2003

1. .14 /organism="unknown"

source

RESULT 1231

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source

RESULT 1229

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AR232868

LOCUS

DEFINITION

ACCESSION KEYWORDS SOURCE

VERSION

ORGANISM

REFERENCE AUTHORS

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1 (bases 1 to 14)
Richards,R.M., Jones,T., Snitman,D.L. and Brown,G.S.
Method for reducing carryover contamination in an amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unclassified.

1 (bases 1 to 14)

1 (bases 1 to 14)

Wylsteke, M.J.R., Vos, P.A.J. and Zabeau, M.F.O.

Method for detecting nucleic acid methylation using AFLP.TM

Patent: US 6300071-A 10 09-OCT-2001;

Location/Qualifiers
                                                                                                                                                                                                                                                                                           Length 14;
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                          linear
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91.7%; Pred. No. 6.5e+02;
ative 0; Mismatches 1;
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Patent: US 5427929-A 22 27-JUN-1995,
Location/Qualifiers
                                                                                                               Unknown.
Unclassified.
1 (bases 1 to 14)
Dellaporta,S.L. and Chomet,P.S.
Method for selection of insertion m
Patent: US 6569648-A 2 27-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 22 from patent US 5427929. AR364778 AR364774
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Sequence 10 from patent US 6300071.
AR369315. GI:34605431
                     Sequence 2 from patent US 6569648.
AR338429 GI:33725201
                                                                                                                                                                                                                            1. .14
/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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Best Local Similarity 91.7
Matches 11; Conservative
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AR369315
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                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 14)
Schlingensiepen,G.-F., Brysch,W., Schlingensiepen,K.-H.,
Schlingensiepen,R. and Bogdah,U.
Antisense-oligonucleotides for transforming growth factor-.beta.
(TGF-.beta.)
Patent: US 6455689-A 125 24-SEP-2002;
Location/Qualifiers
                                                                                                Gaps
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Tournier-Lasserve, E., Joutel, A., Bousser, M.-G. and Bach, J.-F.
Gene involved in cadasil, method of diagnosis and therapeutic
application
Patent: US 6537775-A 18 25-MAR-2003;
Location/Qualifiers
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0; Mismatches 1; Indels
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Sequence 125 from patent US 6455689.
AR232868.1 GI:27275206
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1. .14
/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/wol_type="genomic DNA"
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Best Local Similarity 91.7%;
Matches 11; Conservative
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RESULT 1234 AR392775

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PAT 18-DEC-2003

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Stuyver, L. Method for detection of drug-selected mutations in the hiv protease
                                                      Unknown.
Unclassified.
Unclassified.
I (bases 1 to 14)
Fauchet, C.R.J.
Fixing unit with an end imprint in a threaded terminal portion Patent: US 6632057-A 18 14-OCT-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.
Unclassified.
1 (Dases 1 to 14)
Fauchet,C.R.J.
Fixing unit with an end imprint in a threaded terminal portion
Patent: US 6632057-A 119 14-OCT-2003;
Location/Qualifiers
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/organism="Aids-associated retrovirus"
/mol_type="unassigned DNA"
/db_xref="taxon:11966"
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91.7%; Pred. No. 6.5e+02;
ative 0; Mismatches 1;
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INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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Sequence 119 from patent US 6632057.
AR408026
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Sequence 461 from Patent WO9967428.
AX007919
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/organism="unknown"
/mol_type="unassigned RNA"
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Aids-associated retrovirus
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                  GI:40157912
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Matches 11; Conserv
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Best Local Similarity
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Unknown.
Unclassified.

1 (bases 1 to 14)
Akhtar,S., Fell,P. and McSwiggen,J.A.
Akhtar,c nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors

Patent: US 6623962-A 1776 23-SEP-2003;

Location/Qualifiers
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Vos.P., Zabeau, M., Simons, G. and Wijbrandi, J.

Yos.P., Zabeau, M., Simons, G. and Wijbrandi, J.

Tomato nucleic acid encoding protein that confers resistance to aphids and nematodes and plants transformed therewith Patent: US 6613962-A 6 02-SEP-2003;

Location/Qualifiers
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                          Score 10.4; DB 1; Length 14;
Pred. No. 6.5e+02;
0; Mismatches 1; Indels
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Pred. No. 6.5e+02;
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Sequence 18 from patent US 6632057.
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AR392775
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 /mol_type="genomic DNA"
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AR403436
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/organism="unknown"
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Best Local Similarity 91.7%;
Matches 11; Conservative
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Best Local Similarity 91.74
Frame 11; Conservative
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                                                            11; Conservative
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Unclassified.
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PAT 20-SEP-2000
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Antisense-oligomuclectides for the treatment of immuno-suppressive Fffects of transforming growth factor-b2 (tgf-b2)
Patent: EP 1008649-A 87 14-JUN-2000;
BIOGNOSTIK GES (DE)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Best Local Similarity 91.7%; Pred. No. 6.5e+02;
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Best Local Similarity 91.7%; Pred. No. 6.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                     Kuiper,M.T. and Witsenboer,H.
Improved primers for aflp amplification
Patent: EP 0974672-A 124 26-JAN-2000;
KEYGENE NV (NL)
                                     DNA
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                              Sequence 124 from Patent EP0974672.
AX022019
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Sequence 125 from Patent BP1008649.
AX030163.1 GI:10190380
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Sequence 87 from Patent EP1008649.
AX030125
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synthetic construct
artificial sequences.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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A method for stimulating the immune system
Patent: WO 963975-A 101 16-DEC-1999;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE); SCHLINGENSIEPEN KARL
HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:11966"
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Patent: WO 9967428-A 464 29-DEC-1999;
INNOGENETICS NV (BE); STUYVER LIEVEN (BE)
Location/Qualifiers
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Aids-associated retrovirus
Viruses; Retroid viruses; Retroviridae.
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                                                                                                                                                                                                 Sequence 464 from Patent WO9967428.
AX007922.
AX007922.1 GI:9995619
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/organism="Homo sapiens"
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      /organism="synthetic construct"
/mol_type="unassigned DNA"
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/note="SEQUENCE DESCRIPTION artificielle:oligonucleotide"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           van Bijk, M.J., Hogers, R.C. and Heijnen, L. Method for generating oligonucleotides, in particular for the detection of amplified restriction fragments obtained using
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Mixture comprising an inhibitor or suppressor of a gene and a molecule binding to an expression product of that gene Patent: WO 0189146-A 15 20-SED-2001;
Biognostik Gesellschaft fuer biomelekulare Diagnostik mbH (DE)
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/db_xref="taxon:32630"
/note="synthetic oligonucleotide"
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Best Local Similarity 91.7%; Pred. No. 6.5e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Keygene N.V. (NL)
Location/Qualifiers
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Sequence 6 from Patent W00149882.
AX192312
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                                   Bogdahn, U., Brysch, W., Schlingensiepen, G.F., Schlingensiepen, K.H. and Schlingensiepen, R.
Antisense-oligomuclectides for the treatment of immuno-suppressive effects of transforming growth factor-b2(tgf-b2)
Patent: EP 1008649-A 125 14-JUN-2000;
BIOGNOSTIK GES (DE)
Location/Qualifiers
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Method for the analysis of aflp3 reaction mixtures using primer extension techniques
Parent: WO 0061800-A 9 19-OCT-2000;
KEYGENE NV (NL) ; EIJK MICHIEL JOSEPHUS THERESIA (NL) ; WITSENBOER HANNEKE (NL)
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/organism="synthetic construct"
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/organism="Homo sapiens"
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Sequence 14 from Patent W00125439,
AX112001
AX112001.1 GI:13938909
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Sequence 9 from Patent WO0061800.
AX038795
AX038795.1 GI:11228136
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RESULT 1244 AX038795

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Schlingensiepen, G.F., Brysch, W., Schlingensiepen, K.H., Schlingensiepen, R. and Bogdahn, U.
Antisense-oligonuclectides for the treatment of immunosuppressive effects of transforming growth factor-beta (tgf-beta)
Patent: EP 1160319-A 97 05-DBC-2001;
BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK mbH (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Schlingensiepen, G.F., Brysch, W., Schlingensiepen, K.H., Schlingensiepen, R. and Bogdahn, U. Antisense-oligonacleotides for the treatment of immunosuppressive effects of transforming growth factor-beta (tgf-beta) Patent: EP 1160319-A 125 05-DEC-2001; BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK mbH (DE) Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 6.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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AX316484
AX316484.1 GI:17899657
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                                                                                                                                                                                                                                               /organism="unidentified"
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 AX316446.1 GI:17899619
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Best Local Similarity 91...
Best Local 11, Conservative
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AX316484
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Patent: BP 1158056-A 2 28-NOV-2001;
KEYGENE N.V. (NL)
Location/Qualifiers
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Microsatellite-aflp&reg
Patent: WO 0188189-A 2 22-NOV-2001;
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Matches 11; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="adapter"
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artificial sequences.
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              1140 CAGCTCCACCTA 1151
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Aspergillus versicolor
Bukaryota, Fungi, Ascomycota, Pezizomycotina, Eurotiomycetes;
Burotiales, Trichocomaceae, mitosporic Trichocomaceae; Aspergillus.
                                                                                                                                                                                                                                                                                                                                                                                   Haugland, R. and Vesper, S. Method of identifying and quantifying specific fungi and bacteria Patent: WO 0196612-A 50 20-DEC-2001; UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (US)
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     Score 10.4; DB 1; Length 14;
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    14
    Organism="Aspergillus versicolor"
/mol_type="unassigned DNA"
/db_xref="taxon:46472"

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0.5%; Score 10.4; DB 1;
Best Local Similarity 91.7%; Pred. No. 6.5e+02;
Matches 11; Conservative 0; Mismatches 1;
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/nofe="primer"
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Sequence 50 from Patent WO0196612.
AX402566 GI:21387557
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                        Best Local Similarity 91.7
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AX700554/c
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Methods for genotyping by hybridization analysis
Patent: WO 0173119-A 19 04-OCT-2001;
Center for the Application of Molecular Biology to Int. Agriculture
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Sample generation for genotyping by mass spectrometry
Patent: WO 0200911-A 30 03-JAN-2002;
Centre National de Genotype (FR)
Location/Qualifiers
Gut,I.G., Lechner,D. and Sauer,S.
Sample generation for genotyping by mass spectrometry
Patent: EP 1170379-A 30 09-JAN-2002;
Centre National de Genotypage (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 30 from Patent WO0200931.
AX351654
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Sequence 19 from Patent WO0173119.
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14-MAY-1992 US
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15-OCT-1992 US
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Bougneres, Pierre Hospital Saint Vincent de Paul (FR) Location/Qualifiers
                                                                                                                                            Methods for assessing the risk of obesity based on allelic variations in the 5'-flanking region of the insulin gene Patent: WO 03012139-A 14 13-FBB-2003;
Bougners, Pierre Hospital Saint Vincent de Paul (FR)
Location/Qualifiers
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Human herpesvirus 5
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
Betaherpesvirinae; Cytomegalovirus.
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/mol_type="unassigned DNA"
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/noTe="synthetic primer"
                                                                                                                                                                                                                                   /organism="synthetic construct"
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Sequence 14 from Patent W003012139. AX700554
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Sequence 225 from Patent EP1288296.
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07/882824 PR
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07/883823 PR
07/884333 PR
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07/987129 PR
07/987133 PI
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synthetic construct
synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 14)
Braper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.G.,
Holsek, J.J. and Mamone, A.J.
Method and reagent for inhibiting viral replication
Patent: JP 2000342285-A 226 12-DEC-2000;
Britificial Sequence
OS Artificial Sequence
BN UP 2000342285-A/226
1
Draper,K.G., Mcswiggen,J.A., Holecek,J.J., Dudycz,L.W.,
Macejak,D.G. and Mamone,J.A.
Macejak,D.G. tand Mamone,J.A.
Matchd and reagent for inhibiting HBV viral replication
Patent: EP 1288296-A 225 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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MAYSEJAK,

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/organism='Artificial Sequence'

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01-MAY-2000 JP 2000132616
11-MAY-1992 US 07/882689,14-MAY-1992
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07/88283.14-MAY-1992.05
07/88289.14-MAY-1992.05
07/88292.14-MAY-1992.05
07/883849.14-MAY-1992.05
07/883449.14-MAY-1992.05
07/884436.14-MAY-1992.05
07/884436.14-MAY-1992.05
07/884436.14-MAY-1992.05
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0.5%; Score 10.4; DB 1;
Best Local Similarity 91.7%; Pred. No. 6.5e+02;
Matches 11; Conservative 0; Mismatches 1;
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07/963322,07-DEC-1992
07/987130,07-DEC-1992
                                                                                                                                                        /organism="Human herpesvirus
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JP 2000342285-A/226.
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Matches

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ACCESSION VERSION KEYWORDS ORGANISM

SOURCE

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

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Selective restriction fragment amplification: general DNA fingerprint method Selective restriction fragment amplification: general DNA fingerprint method.
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Patent: 1P 2001061486-A 17 13-MAR-2001;
KEYGENE NV
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      Tolerance to nematode and/or aphid. BD003205
BD003205.1 GI:18631166
JP 200150006-A/6.
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C12N15/09, C12Q1/68, C12N15/00
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JP 2001061486-A/17
13-MAR-2001
25-JUL-2000 JP 2000224187
24-SEP-1991 GB 91402542.4
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BD010907.1 GI:18639280
DP 2001061486-A/17.
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(C12N15/09,C12R1:93),C12N15/00,C12N5/00,A61K37/48,(C12N15/00, PC
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CIZNIS/09, CIZNS/10, CIZNY/00//A61K38/43, A61K39/125, A61K39/13,
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1 (bases 1 to 14)

Targer, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.G., Holesek, J.J. and Mamone, A.J.

Method and reagent for inhibiting viral replication Patent: JP 2000342286-A 226 12-DEC-2000;

RIBOZIME PHARMACEUTICALS INC
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/organism='Artificial Sequence'.
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/organism="synthetic construct"
/mol type="genomic RNA"
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  Mismatches
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JP 200342286-A/226
12-DEC-2000
01-MAY-2000 JP 2000132651
11-MAY-1992 US 07/882689
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synthetic construct
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Best Local Similarity 91.7
Matches 11; Conservative
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Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2015;11000-A 1223 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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30-JAN-1998 DF 1998532533
31-JAN-1999 BP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11,007H21/04,AG1K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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Pred. No. 6.5e+02;
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1 (bases 1 to 14)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 1260 07-AUG-2001,
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                             organism='Unknown'
                                                           1. .14
/organism="unidentified"
/wol_type="genomic DNA"
/db_xref="taxon:32644"

    .14
    /organism="unidentified"

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al Similarity 91.7%;
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TITLE
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TITLE
JOURNAL
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                                         Gaps
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SUNTORY LTD, SHIGERU IIDA, SACHIKO TANAKA, YOSHISHIGE INAGAKI
OS Artificial Sequence
PN WO 0114560-A/3
PD 01-MAR-2001
PF 24-AUG-2000 WO 2000JP005722
PR 24-AUG-1999 JP 99P 236800
PI SHIGERU IIDA, SACHIKO TANAKA, YOSHISHIGE INAGAKI PC
C12N15/29,C07K14/415,C12N5/10,A01H5/00,C12P21/02 CC MSeI ada
FH Key
Location/Qualifiers
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TITLE An antisense oligonucleotide preparation method
JOURNAL: Patent: JP 201511000-A 269 07-AUG-2001;
BIGGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown 1998 JP 1998532533
PR 30-JAN-1997 EP 97101:--
PR 30-JAN-1997 EP 97101:--
PC CL2N15/1.
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Gene coding for protein having an activity to control pH in
vacuoles.
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Gene coding for protein having an activity to control pH in
vacuoles
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         Length 14;
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Pred. No. 6.5e+02;
0; Mismatches 1; Indels
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An antisense oligonucleotide preparation method
BD065634
      ch 0.5%; Score 10.4; DB 1; 1 Similarity 91.7%; Pred. No. 6.5e+02; 11; Conservative 0; Mismatches 1;
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WO 0114560-A/3.
Synthetic construct
synthetic construct
artificial sequences.
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Best Local Similarity 91.7%;
                                                                     868 ACTGAGGACTCA 879
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      Query Match
Best Local Similarity
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DEFINITION
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BD065634/c
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ORGANISM
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TITLE
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD199388.

JP 2002509721-A/2414.

Homo sapiens (human)
                                                                                                                                                      1 (bases 1 to 14)
Akhtar, S. Fell, P. and Mcswiggen, J.A.
Bnzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors
Patent: JP 2001511003-A 1776 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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°C A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Topology: Linear;
Enzymatic nucleic acid treatment of diseases or conditions related to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PC
C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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PU JP 2001511003-A/1776
PD 7-2001511003-A/1776
PP 14-JAN-1998 JP 1998522913
PF 31-JAN-1997 US 60/036476,04-DEC-1997 US SAGHIR ARTHAR, PAPRICIA FELL, JAMES A MCSWIGGEN PC C12N9/00,C07K14/71
CC Strandedness: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid treatment of diseases on
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11.7%; Pred. No. 6.5e+02;
ve 0; Mismatches 1;
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                                   BD068936.1 GI:22614539
JP 2001511003-A/1776.
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Best Local Similarity 91.7<sup>7</sup>
Matches 11, Conservative
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BD199388/c
                                                                                                             ORGANISM
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BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Uhknown
PN JP 2001511000-A/1260
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PG CI2N15/11, CO7H21/04, AGINS11/70
CC An antisense oligonucleotide preparation method FH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   unclassified.

1 (bases 1 to 14)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 1751 07-AUG-2001,
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
                                                                       07-AUG-2001
30-JAN-199B JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11,C07H21/04,AG1K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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JP 2001511000-A/1751
07-AUG-2001
30-JAN-1999 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEDENS WOLFGANG BRYSCH
C12X15/11.(07)7421/04, AGIKS1/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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Pred. No. 6.5e+02;
0; Mismatches 1; Indels
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14 bp DNA lines
An antisense oligonucleotide preparation method.
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Location/Qualifiers
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Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001511000-A/1751.
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unidentified
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Best Local Similarity
Matches 11; Conserv
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Matches 1
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BD068936/c
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CE 1 (bases 1 to 14)

Ravo, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

MIDOZYME PHARMACEUTICALS INC

OS Home sapiens (human)

PR 21-ARR-1999 UP 2005541291

PR 27-MAR-1999 US 200541291

PR 27-MAR-1999 US 200541291

PR 27-MAR-1999 US 60/079678

PI JAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PL JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Libases 1 to 14)

S Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.
Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infections 08-MAY-2002;

REGOZNE PHARMACEUTICALS INC
OS Hepatitis virus (hepatitis C virus)

PN JP 2002512791-A/2858
PN JP 2002512791-A/2858
PN JP 2002512791-A/2858
PR 26-ARR-1999 UP 2000545991
PR 27-ARR-1999 US 60/083217, 18-SEP-1998 US 60/100842 PR 27-ARR-1999 US 09/25508, 23-MAR-1999 US 09/257608, 23-MAR-1999 US PR 27-ARR-1999 US 09/257608, 23-MAR-1999 US 
NAUJUSH PAT 17-JUL-2003 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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Key Location/Qualifiers
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Pred. No. 6.5e+02;
0; Mismatches 1;
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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                                                                                                                               BD203589.1 GI:33013359
JP 2002509721-A/6615.
Homo sapiens (human)
Homo sapiens
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1 Similarity 91.7%;
11; Conservative (
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unidentified
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Method and reagent for treating diseases or conditions concerning modecule participating in vasculogenic response.

BD201865.1 GI:33011635

BRANAGENTA Method and moswiggen, J.A.

Method and reagent for treating diseases or conditions concerning modecule participating in vasculogenic response

ALBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

BD 32-APR-2002

PF 24-MAR-1999 US 2000541291

PR 24-MAR-1999 US 2000541291

PR 24-MAR-1999 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARNIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN

CIZNIS/09, A6IN31/7088, A6IN31/7125, A6IRK48/00, A6IP3/10, A6IP17/06, PC

AKINDS/09, A6IN31/7088, A6IN31/7125, A6IRK48/00, A6IP3/10, A6IP17/06, PC
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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                                                                                                                  /organism='Homo sapiens (human)'.
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                                  participating in vasculogenic response
Key Location/Qualifiers
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Key Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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organism="Homo sapiens"
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   concerning molecule
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Best Local Similarity
Matches 11; Conserv
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